SONY

COLOR VIDEO CAMERA

BVP-500
BVP-500P

Digital 1000

MAINTENANCE MANUAL
Volume 2 1st Edition (Revised 1)
Serial No. 15001 and Higher (UC)
Serial No. 35001 and Higher (J)
Serial No. 45001 and Higher (CE)
Serial No. 50001 and Higher (UC/J/CE)

⚠警告

このマニュアルは，サービス専用です。
お客様が，このマニュアルに記載された設置や保守，点検，修理など行うと感電や火災，人身事故につながることがあります。
危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

⚠WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

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Manual Structure

Purpose of this manual

This manual is the maintenance manual for Color Video Camera BVP-500/500P. This manual describes the information items necessary when the unit is supplied and installed, items on maintenance, and items that premise the service based on the components parts such as alignment, schematic diagrams, board layouts and spare parts list, assuming use of system and service engineers.

Contents

This followings are summaries of the each section for understanding the manual.

Maintenance Manual Volume 2

Section 1. Spare Parts
Describes parts list, exploded views, supplied accessories and fixtures list used in the unit.

Section 2. Semiconductor Pin Assignments
Describes function diagrams and pin names of semiconductor used in the unit.

Section 3. Block Diagrams
Describes overall block diagram and the block diagrams for every circuit board.

Section 4. Schematic Diagrams
Describes schematic diagrams for every circuit board.

Section 5. Board Layouts
Describes board layouts for every circuit board.

Maintenance Manual Volume 1

Section 1. Installation
Describes information about connector input/output signals, instance of configuration and function of internal switches.

Section 2. Service Overview
Describes information about board locations, circuit description, replacement of part and notes on services.

Section 3. Setup menu
Describes information about setup menu and self-diagnosis mode.

Section 4. Alignment of OHB Installation
Describes adjustment necessary for installation of OHB.

Section 5. Overall Electrical Alignment
Describes electrical adjustment necessary for maintenance of the unit or replacement of parts.

Section 1
Spare Parts

1-1. Notes on Repair Parts

1. WARNING Safety Related Components Warning

Components marked ⚠ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.
Parts list has the present standardized repair parts.

3. Stock of Parts

Parts marked with “o” at SP (Supply Code) column of the spare parts list may be not stocked. Therefore, the delivery date will be delayed.

4. Units Representation

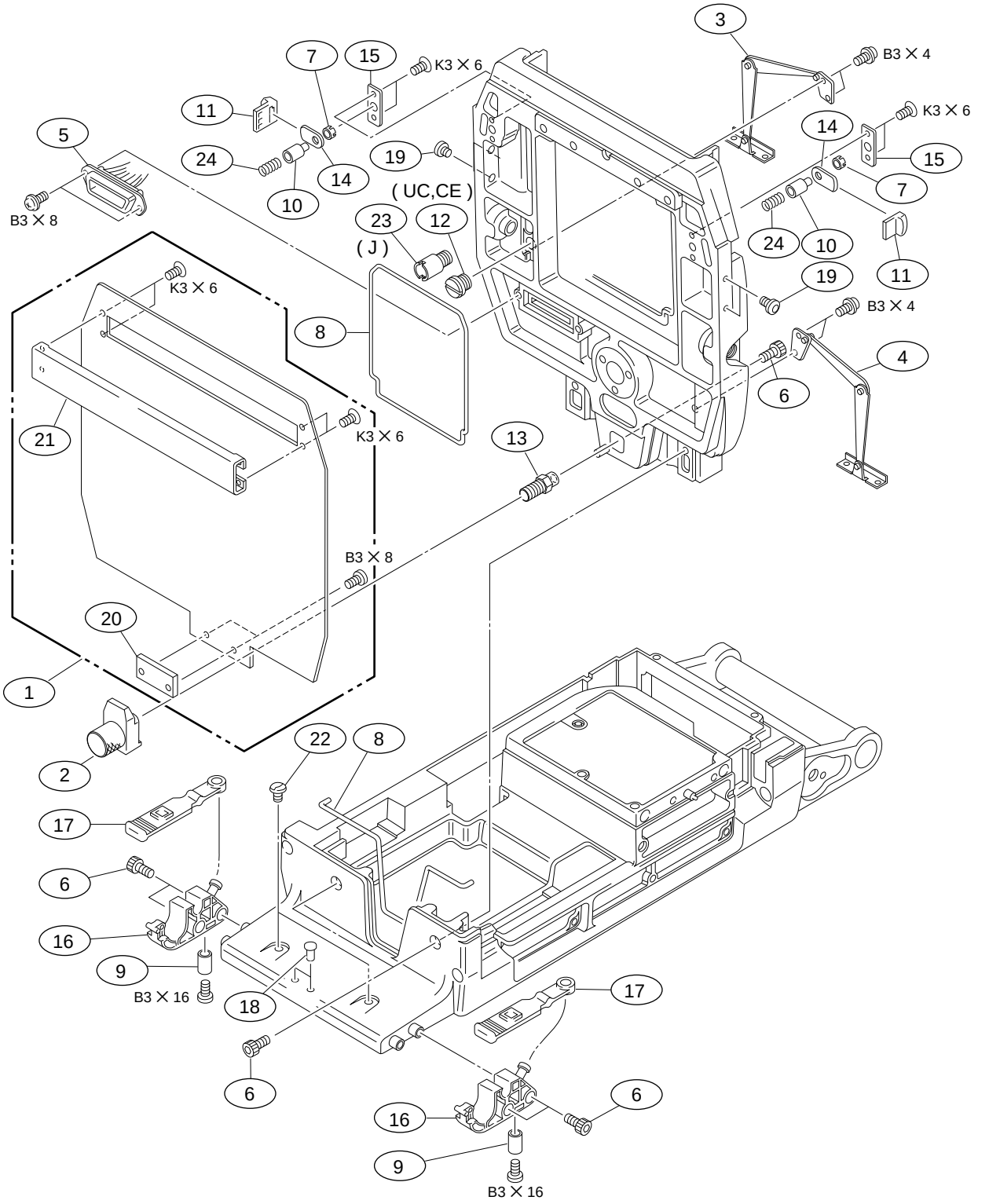
The following represented units are changed or omitted in writing.

Units		Representation
Capacitance	μF	uF
Inductance	μH	uH
Resistance	Ω	Abbreviation

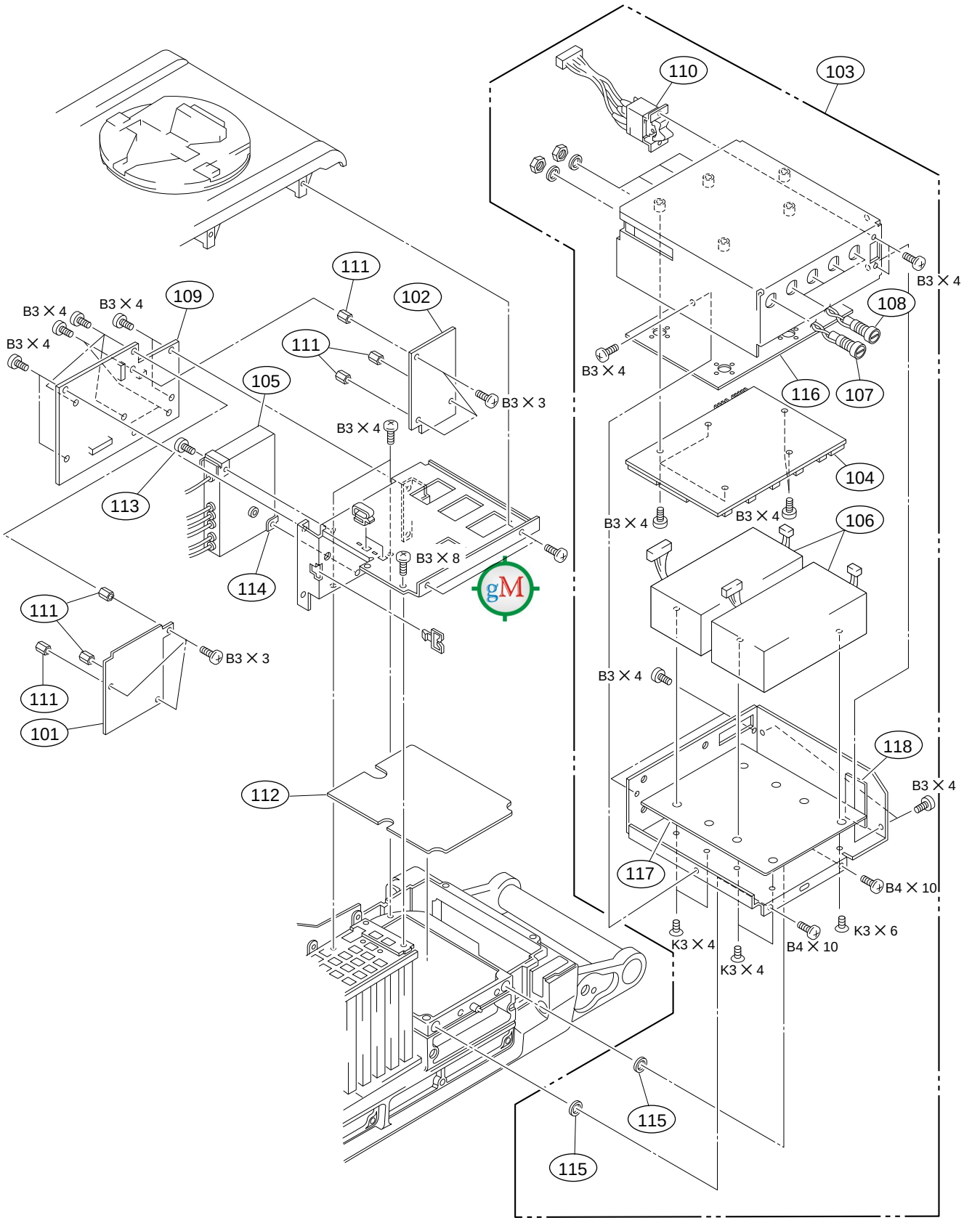
5. Destination Representation

The part indicated “For J/UC/CE” in the spare parts list is used in the unit written below.
For J : The part is used in a unit for Japan.
For UC : The part is used in a unit for U.S.A. and Canada.
For CE : The part is used in a unit for regions except the above countries.

1-2. Exploded Views



No.	Part No.	SP	Description
1	A-7612-327-A	o	COVER ASSY, FRONT
2	X-3692-305-1	o	RETAINER ASSY, LENS
3	X-3692-312-3	o	STAY (LEFT) ASSY
4	X-3692-313-3	o	STAY (RIGHT) ASSY
5	1-955-223-11	o	HARNESS (LENS)
6	2-391-520-21	s	BOLT (M5X12), HOLE, HEXAGON
7	3-185-868-01	o	COVER, EDGE
8	3-185-869-21	o	SHIELD, SOFT
9	3-185-902-02	s	FOOT, FRONT
10	3-185-905-02	o	SOLENOID
11	3-185-906-01	o	CAP, LATCH
12	3-185-910-11	o	SCREW, BLIND
13	3-185-912-01	o	SHAFT M10
14	3-185-913-01	o	PLATE, LATCH
15	3-185-914-02	o	GUIDE
16	3-185-934-02	o	CLAMP, CABLE
17	3-186-502-11	o	BAND, CLAMP
18	3-545-657-11	s	BUSH
19	3-673-018-00	s	SCREW, BLIND
20	3-692-571-01	o	PAD
21	3-692-573-01	o	COVER, EDGE
22	3-725-907-01	s	BUSHING, BLIND
23	3-740-805-01	o	RETAINER, GUIDE SHAFT (J)
24	4-926-395-01	s	SPRING, COMPRESSION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B3 X 4
117
B4 X 10
K3 X 6
K3 X 4
B4 X 10
K3 X 4
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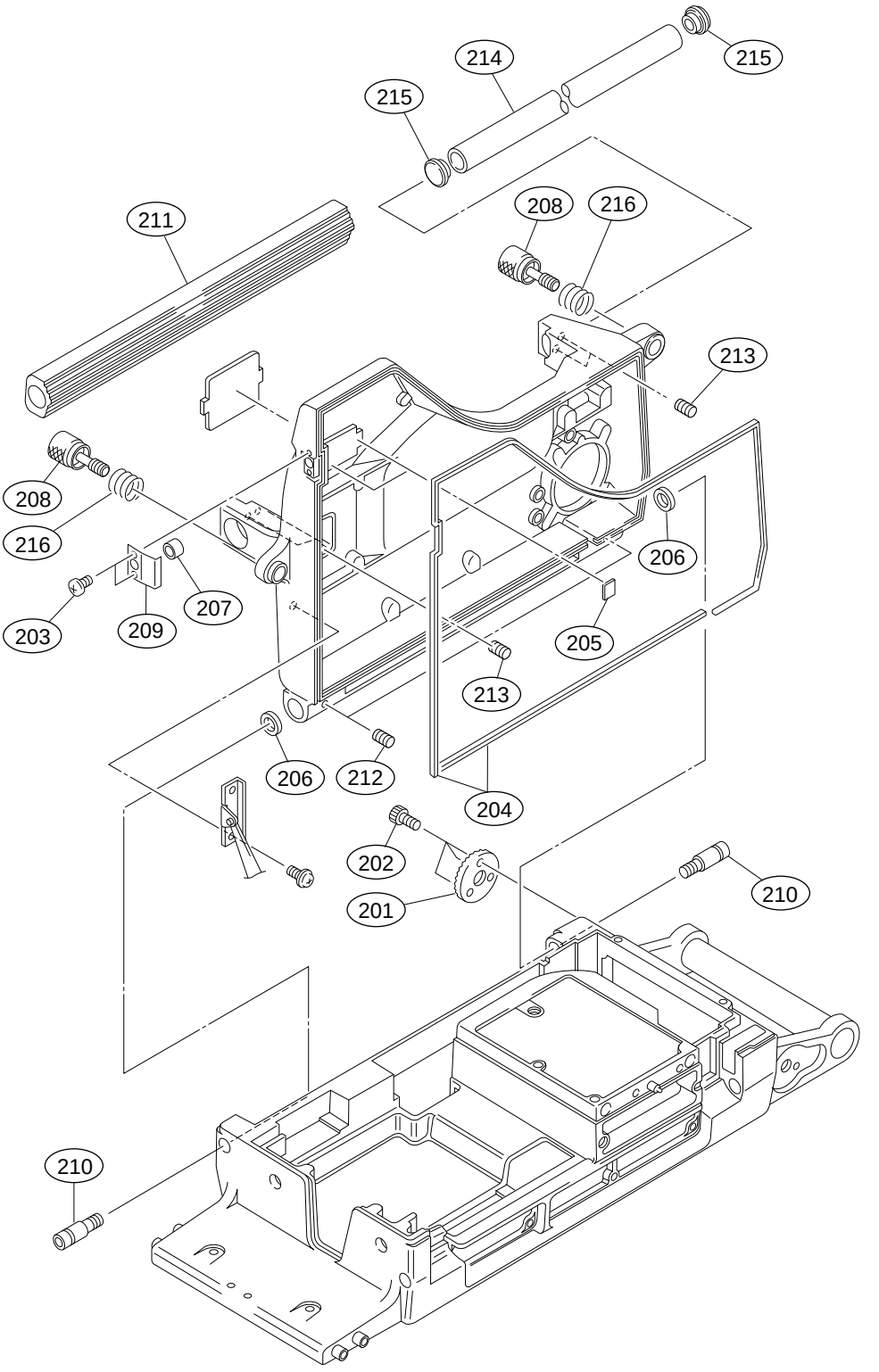
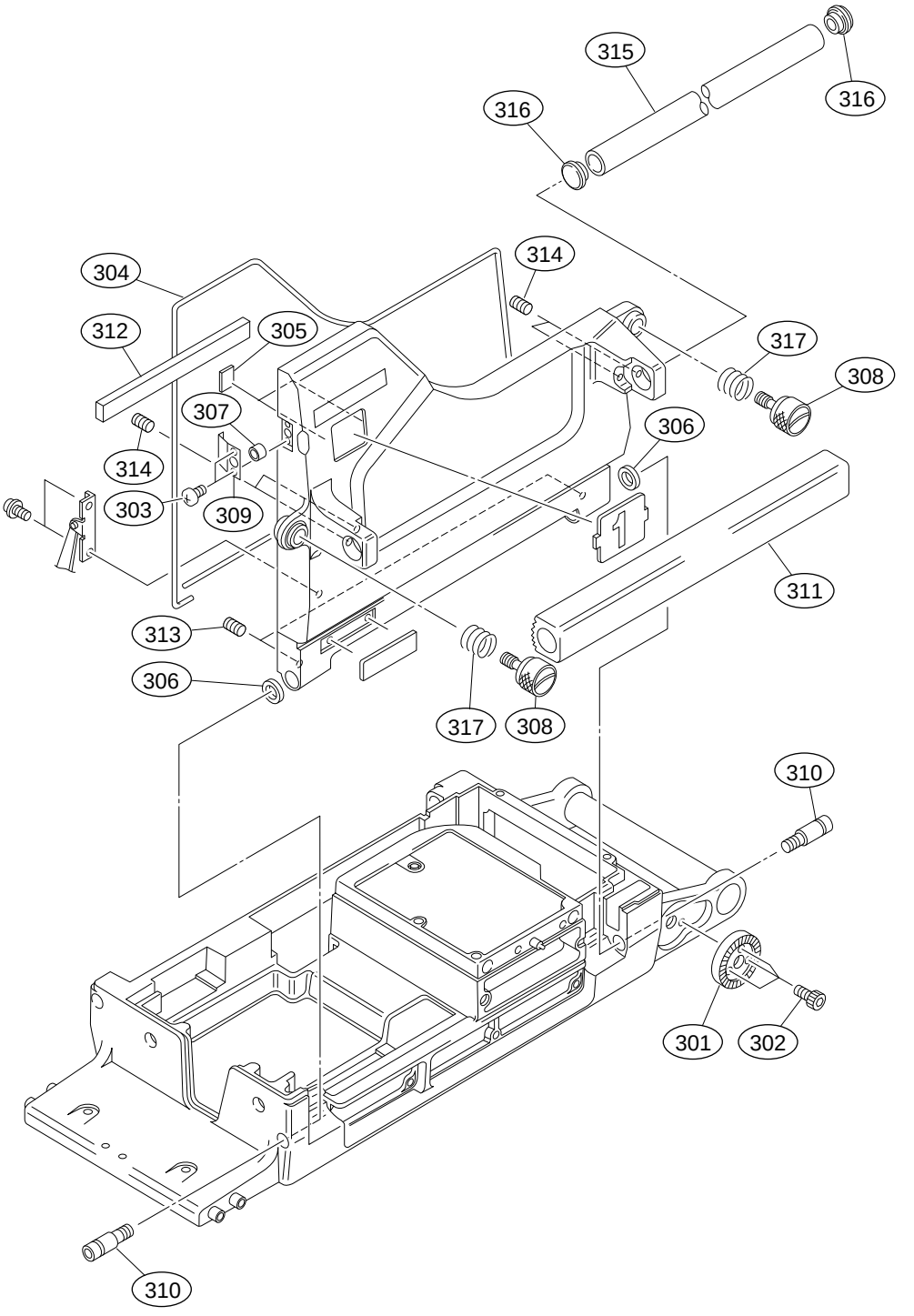
No.		Part No.	SP	Description
101		A-8272-580-A	o	MOUNTED CIRCUIT BOARD, DM-98
102		A-8272-803-A	o	MOUNTED CIRCUIT BOARD, DM-99
103	⚠	A-8272-821-A	s	POWER ASSY
104		A-8272-805-A	o	MOUNTED CIRCUIT BOARD, PS-392
105		1-239-963-12	s	FILTER, MPX
106	⚠	A-8272-598-A	s	CONVERTER, AC.DC/DC
107	⚠	1-576-228-11	s	FUSE (H.B.C.) T2AH 250V
108	⚠	1-576-231-41	s	FUSE (H.B.C.) T4AH 250V
109		1-658-603-21	o	PRINTED CIRCUIT BOARD, CN-1232
110	⚠	1-762-116-11	s	SWITCH, AC POWER
111		2-280-622-01	o	SUPPORT (M3), HEXAGON
112		3-185-889-01	s	SHEET, RADIATION
113		3-187-594-01	s	SCREW (M3), STOPPER SCREW
114		3-187-918-02	o	BRACKET, MPX
115		3-687-116-01	o	WASHER (4), STOPPER
116		3-693-191-01	o	SHEET,INSULATING,PS
117		3-693-193-01	o	RUBBER,PS
118		3-693-322-01	o	SHEET,INSULATING,SW

LEFT SIDE BLOCK



No.	Part No.	SP	Description
201	2-280-511-12	o	BRACKET, ADJUSTMENT, ANGLE
202	2-623-773-11	s	BOLT (M3X8), STAINLESS
203	3-165-162-01	s	SCREW (+P2.6X5) (TYPE1)
204	3-185-869-21	o	SHIELD, SOFT
205	3-185-871-01	o	TAPE, DROP PROTECTION SHIELD
206	3-185-878-01	s	WASHER
207	3-185-879-01	o	BOSS
208	3-695-847-01	o	SCREW, KNOB
209	3-185-888-01	o	PLATE, PROTECTION
210	3-185-890-01	s	BOLT, SHOULDER
211	3-185-942-01	o	HANDLE COVER (A)
212	3-701-505-00	s	SET SCREW, DOUBLE POINT 3X3
213	3-701-510-00	s	SET SCREW, DOUBLE POINT 4X4
214	3-740-815-31	o	PIPE, HANDLE
215	3-740-817-11	o	ESCUTCHEON, PIPE
216	4-367-209-00	s	SPRING, COMPRESSION

RIGHT SIDE BLOCK



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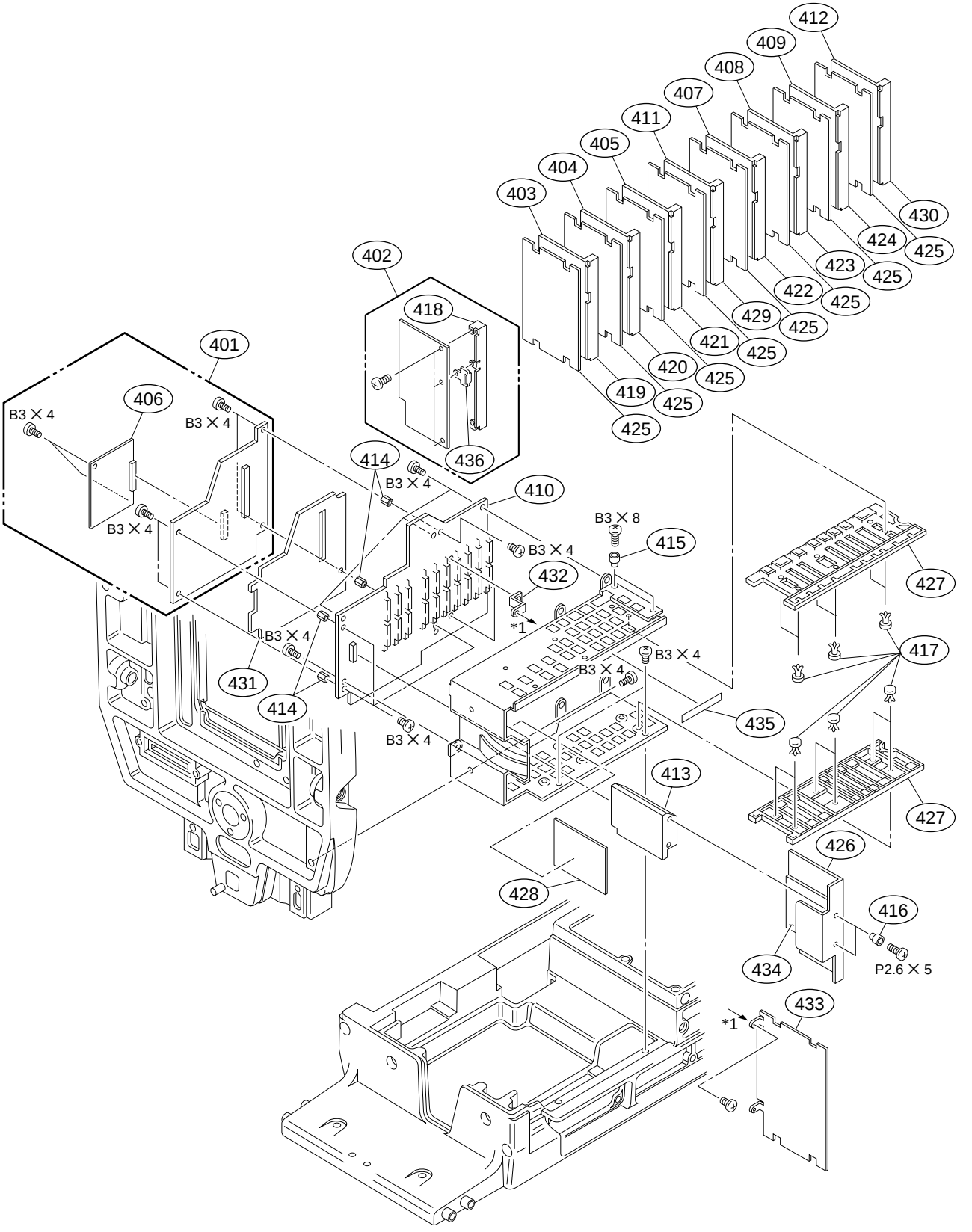
No.	Part No.	SP	Description
301	2-280-511-12	o	BRACKET, ADJUSTMENT, ANGLE
302	2-623-773-11	s	BOLT (M3X8), STAINLESS
303	3-165-162-01	s	SCREW (+P2.6X5) (TYPE1)
304	3-185-869-21	o	SHIELD, SOFT
305	3-185-871-01	o	TAPE, DROP PROTECTION SHIELD
306	3-185-878-01	s	WASHER
307	3-185-879-01	o	BOSS
308	3-695-847-01	o	SCREW, KNOB
309	3-185-888-01	o	PLATE, PROTECTION
310	3-185-890-01	s	BOLT, SHOULDER
311	3-185-942-01	o	HANDLE COVER (A)
312	3-693-196-01	o	CUSHION,RETAINER,PCB
313	3-701-505-00	s	SET SCREW, DOUBLE POINT 3X3
314	3-701-510-00	s	SET SCREW, DOUBLE POINT 4X4
315	3-740-815-31	o	PIPE, HANDLE
316	3-740-817-01	o	ESCUTCHEON, PIPE
317	4-367-209-00	s	SPRING, COMPRESSION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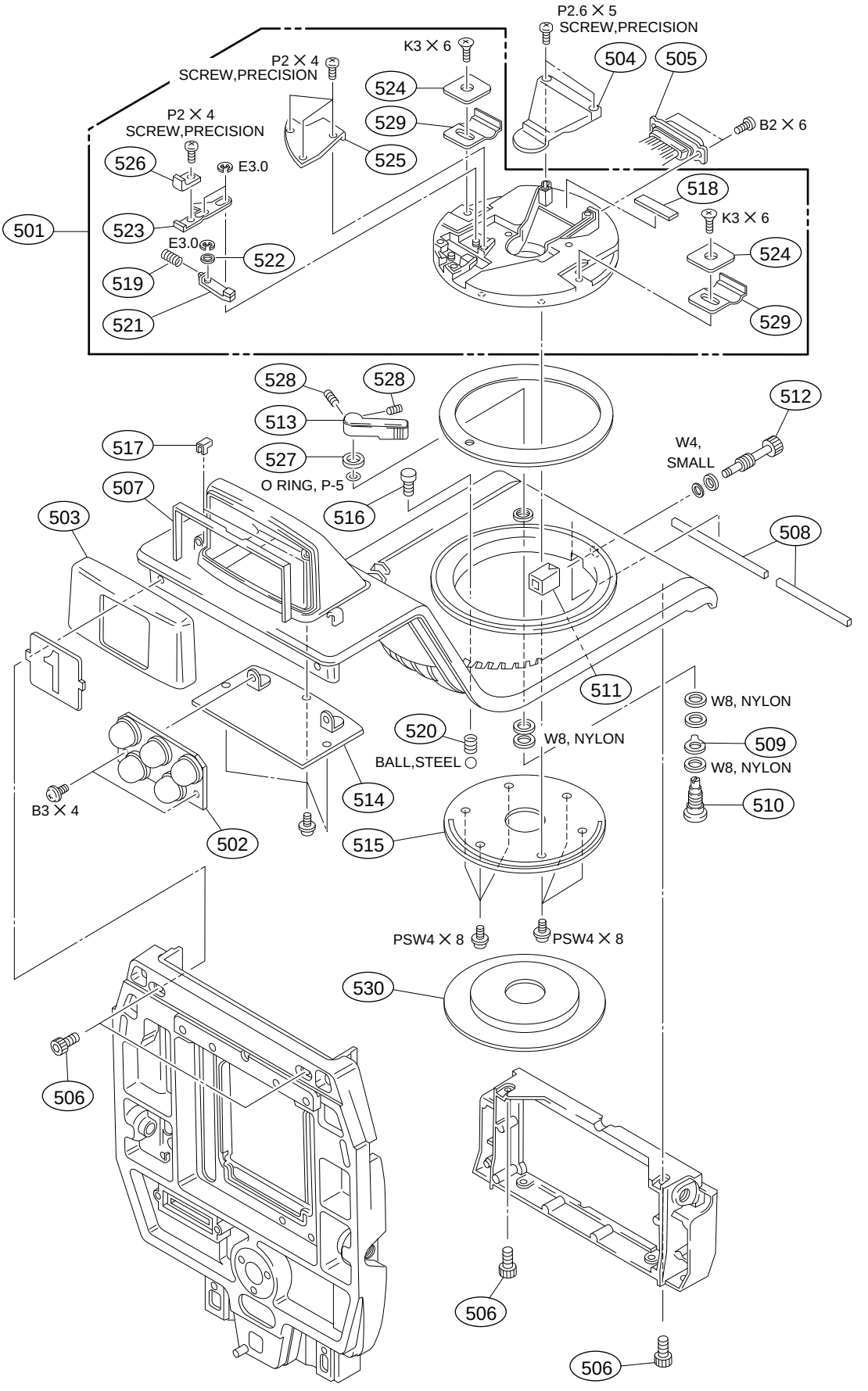
No.	Part No.	SP	Description
401	A-8272-557-A	o	MOUNTED CIRCUIT BOARD, PR-211
402	A-8272-560-A	o	MOUNTED CIRCUIT BOARD, VA-163
403	A-8272-562-A	o	MOUNTED CIRCUIT BOARD, AT-95
404	A-8272-564-A	o	MOUNTED CIRCUIT BOARD, SG-234
405	A-8272-566-A	o	MOUNTED CIRCUIT BOARD, DA-88
406	A-8272-559-A	o	MOUNTED CIRCUIT BOARD, CN-1142
407	A-8272-582-A	o	MOUNTED CIRCUIT BOARD, MD-103
408	A-8272-584-A	o	MOUNTED CIRCUIT BOARD, AU-211
409	A-8272-586-A	o	MOUNTED CIRCUIT BOARD, TR-90
410	A-8272-809-A	o	MOUNTED CIRCUIT BOARD, MB-637
411	A-8272-811-A	o	MOUNTED CIRCUIT BOARD, IF-538
412	A-8272-813-A	o	MOUNTED CIRCUIT BOARD, AU-215
413	A-8272-571-A	s	CONVERTER, D.C-D.C
414	2-280-622-01	o	SUPPORT (M3), HEXAGON
415	2-832-002-00	s	BUSHING, INSULATING
416	2-832-007-00	s	BUSHING (K), INSULATING
417	3-531-576-01	s	RIVET
418	3-692-125-02	o	PANEL,VA-163 PC BOARD
419	3-692-126-02	o	PANEL,AT-95 PC BOARD
420	3-692-127-02	o	PANEL,SG-234 PC BOARD
421	3-692-128-02	o	PANEL,DA-88 PC BOARD
422	3-692-161-02	o	PANEL,MD-103 PC BOARD
423	3-692-162-02	o	PANEL,AU-211 PC BOARD
424	3-692-163-02	o	PANEL,TR-90 PC BOARD
425	3-692-642-02	o	SHEET,SHIELD
426	3-693-186-01	o	SUPORT,PS
427	3-693-190-01	o	RAIL,PC BOARD
428	3-693-192-01	o	SHEET,HEAT CONDUCTION
429	3-693-198-01	o	PANEL,IF-538 PC BOARD
430	3-693-199-01	o	PANEL,AU-215 PC BOARD
431	3-693-318-01	o	SHEET,SHIELD(PR)
432	3-693-320-01	o	NUT,FITTING,SHIELD SHEET
433	3-693-321-01	o	SHEET,SHIELD,MD
434	3-695-151-01	o	SHEET,INSULATING
435	3-695-152-01	o	LABEL,PCB NAME
436	3-724-753-01	o	RING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W8, NYLON
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W8, NYLON
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B3 X 4
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PSW4 X 8
PSW4 X 8
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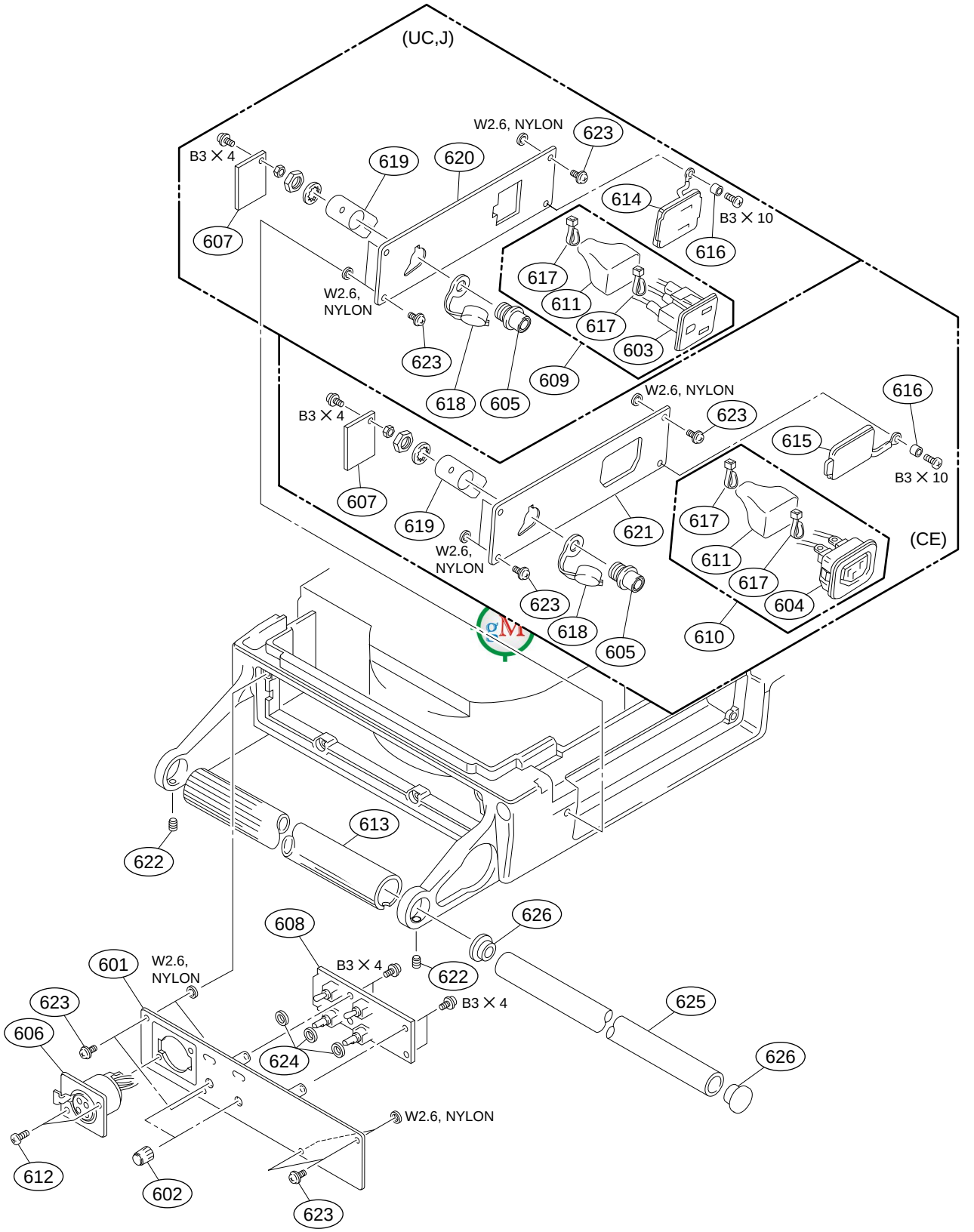
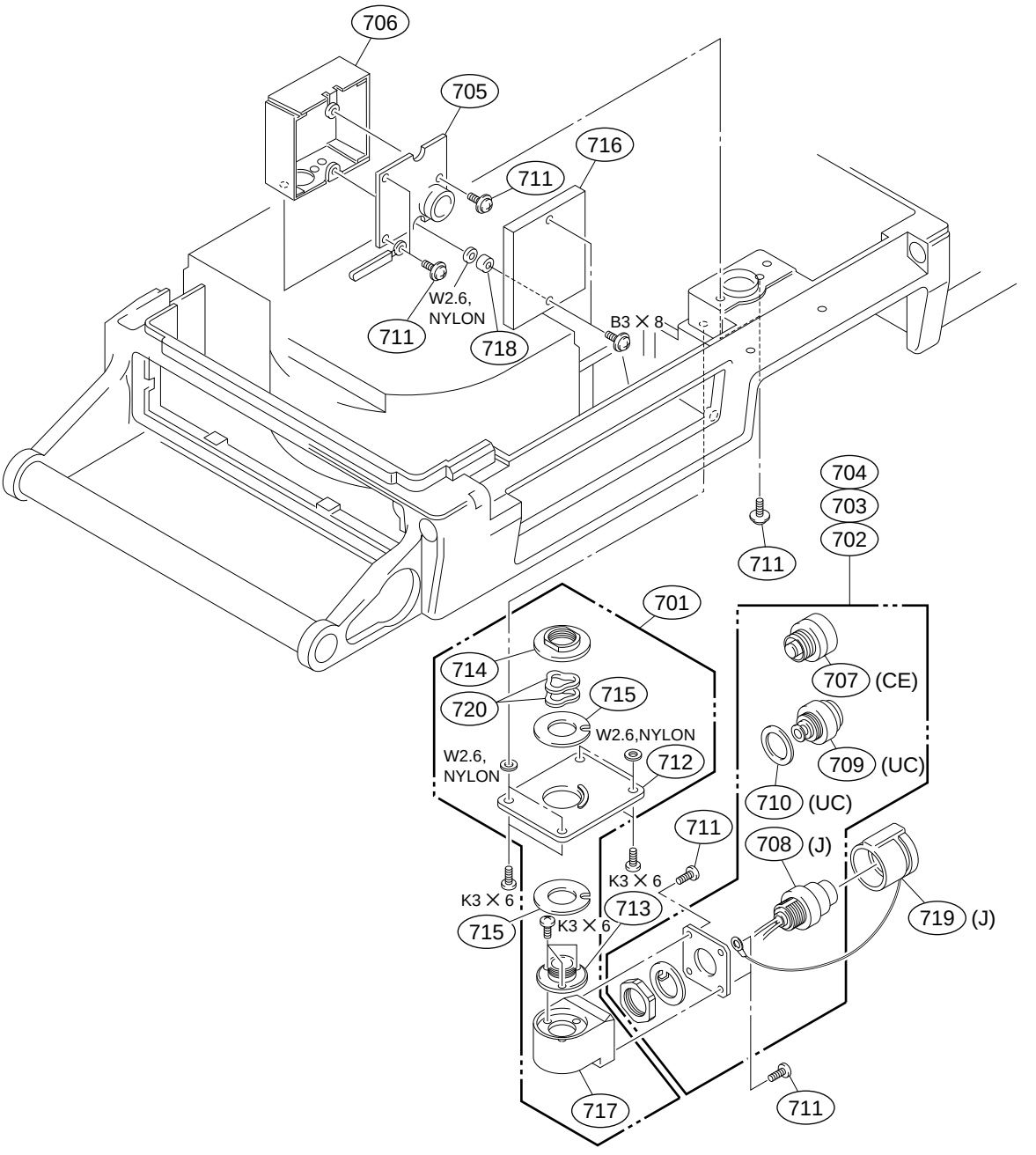
No.	Part No.	SP	Description
501	A-8272-828-A	o	PANNING ASSY
502	A-8272-819-A	o	MOUNTED CIRCUIT BOARD, LE-130
503	X-3167-561-1	s	COVER ASSY, TALLY
504	X-3167-699-2	o	GUARD ASSY, HARNESS
505	1-956-540-21	o	HARNESS (VF)
506	2-391-520-21	s	BOLT (M5X12), HOLE, HEXAGON
507	3-185-866-02	o	CUSHION, DROP PROTECTION
508	3-185-869-21	o	SHIELD, SOFT
509	3-185-881-01	o	PLATE, LOCK PAN
510	3-185-882-11	o	LOCK, PAN
511	3-185-884-01	o	FRICTION
512	3-185-885-11	o	SCREW, PAN FRICTION
513	3-185-886-11	o	LEVER, PAN LOCK
514	3-185-932-11	o	PLATE, SHIELD, UP TALLY
515	3-185-933-02	o	RING, PAN BASE
516	3-186-806-11	s	SCREW, LID
517	3-187-630-01	o	CUSHION,(SMALL)DROP PROTECTION
518	3-187-655-01	o	CUSHION, D SUB
519	3-634-355-00	s	SPRING
520	3-641-622-00	s	SPRING, COMPRESSION
521	3-692-327-03	o	PIN (JOINT)
522	3-692-328-01	o	SPACER (JOINT)
523	3-692-329-02	o	LEVER (A) (JOINT)
524	3-692-332-11	o	PLATE (A)
525	3-692-365-02	o	PLATE, BLIND
526	3-692-370-01	o	COVER, LEVER (A)
527	3-701-444-11	s	WASHER, 6
528	3-701-510-00	s	SET SCREW, DOUBLE POINT 4X4
529	3-603-279-01	s	SPRING, EMC
530	3-603-813-01	o	COVER, CABLE S/N 15001-(UC) 35001-(J) 45001-(CE)

CONNECTOR PANEL 1



No.	Part No.	SP	Description
601	A-8272-054-B	o	PANEL ASSY, INTERCOM
602	X-3167-563-1	s	VOLUME KNOB DIA.3 ASSY
603	1-251-220-11	s	OUTLET, AC (J.UC)
604	1-251-221-11	s	OUTLET, AC (CE)
605	1-562-222-21	s	CONNECTOR 6P FEMALE “REMOTE”
606	1-563-159-11	s	CONNECTOR 5P FEMALE “INTERCOM”
607	1-658-604-21	o	PRINTED CIRCUIT BOARD, CN-1231
608	1-658-605-21	o	PRINTED CIRCUIT BOARD, SW-805
609	1-953-632-11	o	HARNESS (UTL(NTSC)) (J,UC)
610	1-953-633-12	o	HARNESS (UTL(PAL)) (CE)
611	2-254-842-02	s	COVER, SWITCH INSULATING
612	3-165-162-01	o	SCREW (P2.6X5)(TYPE1)
613	3-185-901-02	o	COVER, (B) HANDLE
614	3-186-500-01	o	LID (N), OUTLET (J,UC)
615	3-186-501-01	o	LID (P), OUTLET (CE)
616	3-654-058-11	o	SPACER (3X2)
617	3-655-653-11	s	BAND (TAITON), BINDING
618	3-685-115-11	s	CAP (6P), DROP PROTECTION
619	3-693-985-01	o	LUG,GROUND
620	3-693-986-11	o	PANEL(N),LEFT (J,UC)
621	3-693-987-11	o	PANEL(P),LEFT (CE)
622	3-701-510-00	s	SET SCREW, DOUBLE POINT 4X4
623	3-719-159-01	s	SCREW (M3), (+ BW)
624	3-729-007-01	o	PLATE, ORNAMENTAL, TOGGLE SW
625	3-740-815-01	o	PIPE, HANDLE
626	3-740-817-01	o	ESCUTCHEON, PIPE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709 (UC)
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K3 X 6
K3 X 6
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K3 X 6
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719 (J)
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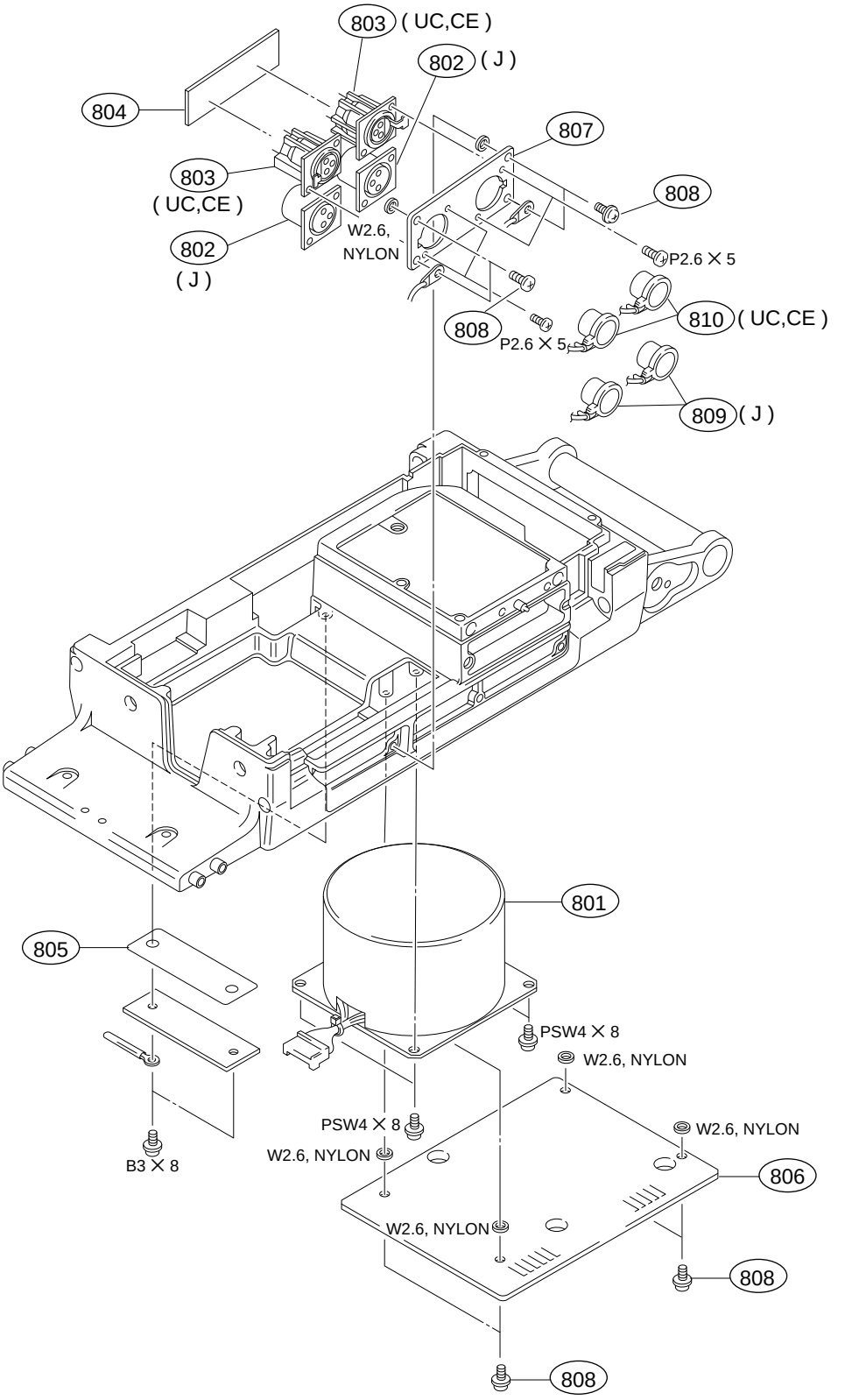
No.		Part No.	SP	Description
701		A-8272-830-A	o	BOX ASSY, TRIAX
702	⚠	A-8314-056-A	o	CONNECTOR, TRIAX (L) ASSY (UC)
703	⚠	A-8314-057-A	o	CONNECTOR, TRIAX (T) ASSY (J)
704	⚠	A-8314-058-A	o	CONNECTOR, TRIAX (F) ASSY (CE)
705	⚠	A-8314-059-A	o	MOUNTED CIRCUIT BOARD, LF-31
706		X-3167-635-1	o	BOX ASSY, L F
707	⚠	1-561-844-00	s	CONNECTOR, COAXIAL (CE)
708	⚠	1-565-797-12	s	CONNECTOR, DOUBLE COAXIAL (J)
709	⚠	1-565-801-11	s	CONNECTOR, DOUBLE COAXIAL (UC)
710		2-132-244-01	o	SPACER
711		3-178-214-01	s	SCREW (M3X6), +B
712		3-185-874-01	o	PLATE, TRIAX
713		3-185-891-01	o	CONNECTOR, ROTARY SHAFT
714		3-185-892-11	o	NUT
715		3-185-896-01	o	WASHER, CONDUCTIVE
716		3-185-898-01	o	LID, L.F. BOX
717		3-185-949-11	o	BOX, TRIAX
718		3-716-370-11	o	SPACER
719		3-741-725-01	o	CAP(TK), CONNECTOR, TRIAX(J)
720		7-623-710-97	s	WASHER 18, WABE TYPE

CONNECTOR PANEL 2/POWER TRANSFORMER



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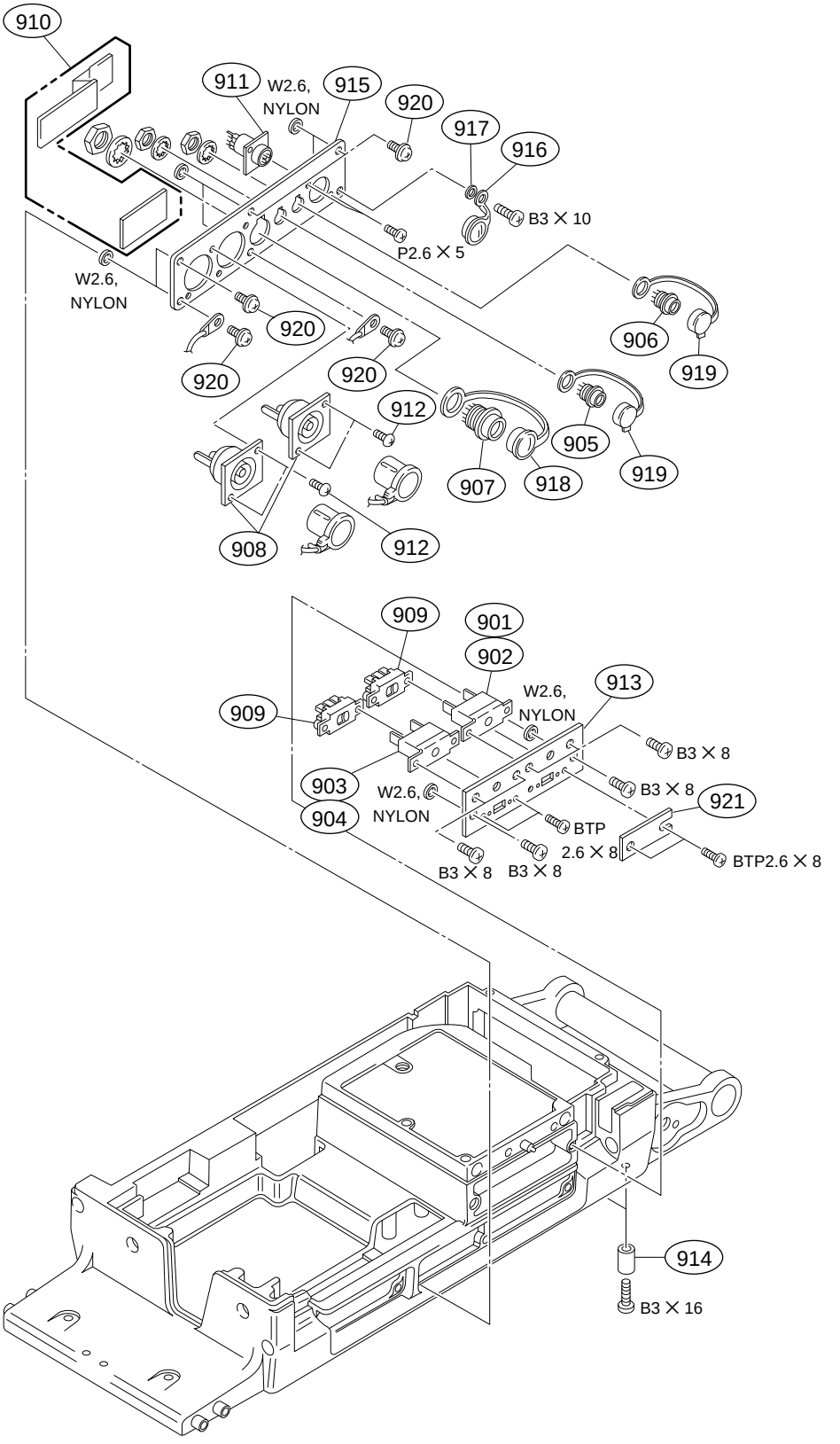
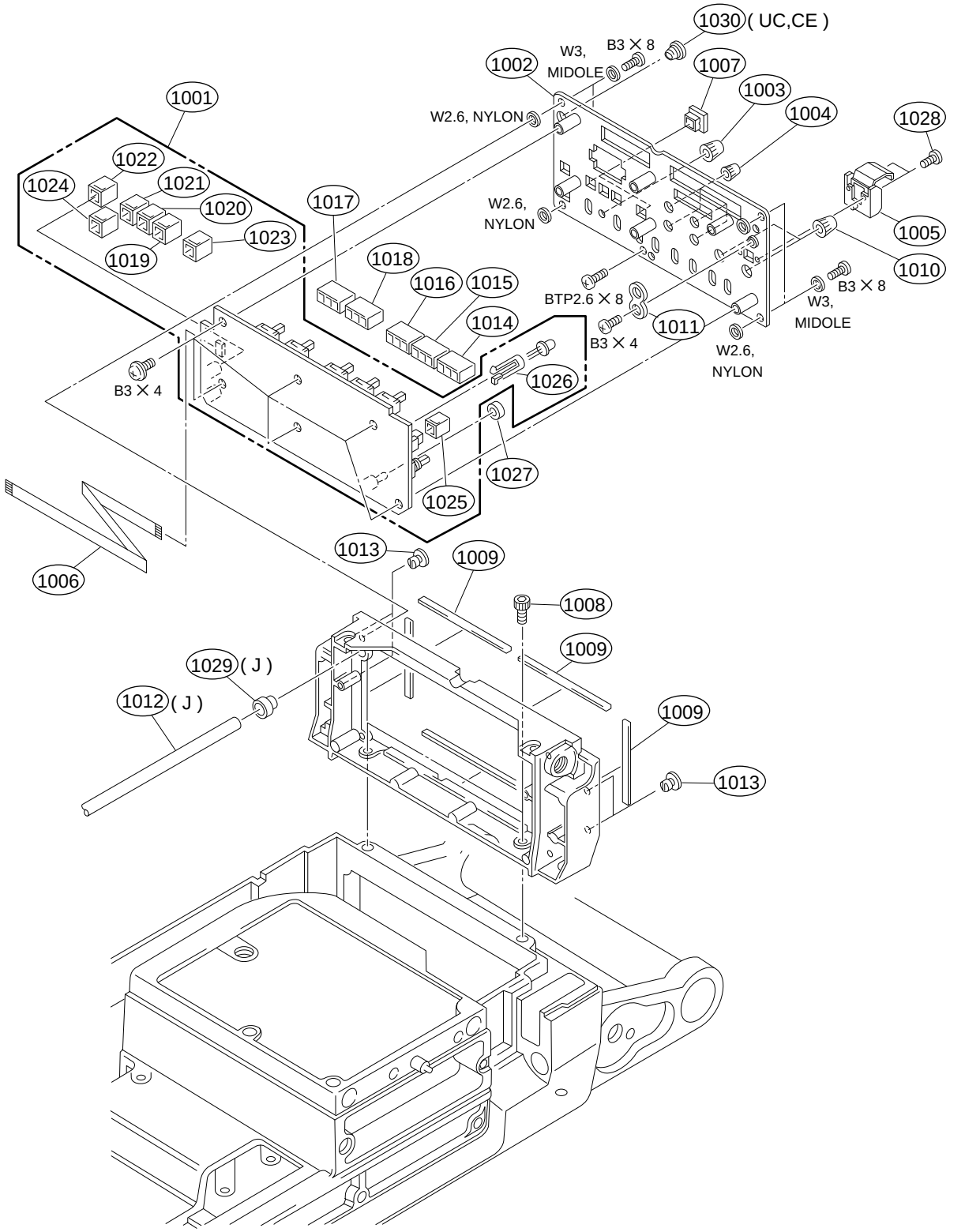
No.		Part No.	SP	Description
801	⚠	1-426-993-13	s	TRANSFORMER, POWER
802		1-573-593-11	s	CONNECTOR XLR 3P,MALE “MIC” (J)
803		1-573-594-11	s	CONNECTOR XLR 3P,FEMALE “MIC”(UC,CE)
804		1-658-609-21	o	PRINTED CIRCUIT BOARD, CN-1239
805		3-185-897-01	o	SHEET, INSULATING, CN PC BOARD
806		3-185-929-02	o	PLATE, TRANSFORMER
807		3-692-798-11	o	PANEL,MIC
808		3-719-159-01	s	SCREW (M3), (+ BW)
809		3-741-726-01	o	CAP (2), XLR (J)
810		3-741-727-01	o	CAP (1), XLR (UC,CE)

CONNECTOR PANEL 3



No.		Part No.	SP	Description
901	⚠	1-533-514-31	s	BREAKER, CIRCUIT (J,UC)
902	⚠	1-533-514-61	s	BREAKER, CIRCUIT (CE)
903	⚠	1-533-515-31	s	BREAKER, CIRCUIT (J,UC)
904	⚠	1-533-515-61	s	BREAKER, CIRCUIT (CE)
905		1-562-222-21	s	CONNECTOR 6P FEMALE "RET CONTROL"
906		1-563-929-11	s	CONNECTOR, 4P FEMALE "SCRIPT"
907		1-565-443-11	o	CONNECTOR 10P FEMALE "TRACKER"
908		1-569-253-21	s	CONNECTOR, BNC "MONITOR""PROMPTER"
909	⚠	1-570-173-11	s	SELECTOR, POWER VOLTAGE
910		1-709-123-21	o	PRINTED CIRCUIT BOARD, COMBINED CN-988/989/990
911		1-766-696-11	o	CONNECTOR, 8P FEMALE "REMOTE"
912		3-165-162-01	s	SCREW (+P2.6X5) (TYPE1)
913		3-185-895-01	o	BRACKET, BREAKER
914		3-185-902-02	s	FOOT, FRONT
915		3-185-936-02	o	CONNECTOR, PANEL (R)
916		3-186-499-01	o	CONNECTOR, CAP
917		3-654-058-11	o	SPACER (3X2)
918		3-678-769-00	s	CAP
919		3-685-115-11	s	CAP (6P), DROP PROTECTION
920		3-719-159-01	s	SCREW (M3), (+ BW)
921		3-740-891-01	o	COVER, INDICATION PLATE


1030 (UC,CE)
B3 X 8
W3,
MIDOLE
1002
1007
1003
1004
1028
1001
W2.6, NYLON
1022
1024
1021
1020
1017
1023
1019
W2.6,
NYLON
1005
1010
1018
1016
1015
BTP2.6 X 8
B3 X 8
W3,
MIDOLE
1014
1011
B3 X 4
W2.6,
NYLON
1026
B3 X 4
1027
1025
1013
1009
1006
1008
1009
1029 (J)
1012 (J)
1009
1013

No.	Part No.	SP	Description
1001	A-8272-806-A	o	MOUNTED CIRCUIT BOARD, SW-795
1002	A-8272-055-A	o	PANEL ASSY, REAR
1003	X-3167-051-1	s	KNOB ASSY, VOLUME
1004	X-3167-563-1	s	VOLUME KNOB DIA.3 ASSY
1005	X-3740-810-1	o	GUIDE ASSY, SWITCH
1006	1-775-966-11	o	CABLE, FLEXIBLE FLAT (20 CORE)
1007	2-118-858-01	o	GUARD (SQUARE 9), SWITCH
1008	2-391-520-21	s	BOLT (M5X12), HOLE, HEXAGON
1009	3-185-869-21	o	SHIELD, SOFT
1010	3-185-872-01	s	KNOB VOLUME DIA. 6
1011	3-185-876-01	o	COVER, LED
1012	3-185-924-02	o	GUIDE, LENS BAR (J)
1013	3-673-018-00	s	SCREW, BLIND
1014	3-692-320-01	o	BUTTON “R”
1015	3-692-321-01	o	BUTTON “G”
1016	3-692-322-01	o	BUTTON “B”
1017	3-692-324-01	o	BUTTON “RET1”
1018	3-692-325-01	o	BUTTON “RET2”
1019	3-708-930-01	s	CAP “1”
1020	3-708-930-11	s	CAP “2”
1021	3-708-930-21	s	CAP “3”
1022	3-708-932-01	s	CAP “ON”
1023	3-708-933-01	s	CAP “STORE”
1024	3-708-933-11	s	CAP “CALL”
1025	3-708-934-01	s	CAP
1026	3-710-803-02	o	HOLDER, DIA. 5-9 LED
1027	3-729-007-01	o	PLATE, ORNAMENTAL, TOGGLE SW
1028	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)
1029	3-741-789-01	o	SPACER (J)
1030	3-741-790-11	o	CAP, BLIND (UC,CE)

Part No.	SP	Description
7-621-772-38	s	SCREW +B 2X6
7-623-923-01	s	WASHER 2.6, NYLON
7-623-928-01	s	WASHER 8.0, NYLON
7-624-106-04	s	STOP RING 3.0, TYPE -E
7-624-209-00	s	O RING, P-5
7-627-553-37	s	SCREW,PRECISION +P 2X3
7-627-553-47	s	SCREW,PRECISION +P 2X4
7-627-556-58	s	SCREW +P 2.6X5
7-671-115-01	s	BALL, STEEL
7-682-245-04	s	SCREW +K 3X4
7-682-247-04	s	SCREW +K 3X6
7-682-544-04	s	SCREW +B 3X3
7-682-545-04	s	SCREW +B 3X4
7-682-548-04	s	SCREW +B 3X8
7-682-549-09	s	SCREW +B 3X10
7-682-552-09	s	SCREW +B 3X16
7-682-562-04	s	SCREW +B 4X10
7-682-903-11	s	SCREW +PWH 3X6
7-682-961-01	s	SCREW +PSW 4X8
7-685-534-14	s	SCREW +BTP 2.6X8 TYPE2 N-S
7-688-003-11	s	W 3, MIDDLE
7-688-004-11	s	W 4, MIDDLE

1-3. Electrical Parts

AT-95 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8272-562-A	o	MOUNTED CIRCUIT BOARD, AT-95
1pc	3-692-126-02	o	PANEL,AT-95 PC BOARD
1pc	3-724-753-01	o	RING
6pcs	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)
BT1	1-550-104-32	s	HOLDER, BATTERY
C1	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C2	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C3	1-164-156-11	s	CERAMIC 0.1uF 25V
C4	1-164-156-11	s	CERAMIC 0.1uF 25V
C5	1-107-688-11	s	CHIP,TANTALUM 1.5uF 20% 25V
C6	1-164-156-11	s	CERAMIC 0.1uF 25V
C7	1-107-688-11	s	CHIP,TANTALUM 1.5uF 20% 25V
C8	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C9	1-164-156-11	s	CERAMIC 0.1uF 25V
C10	1-164-156-11	s	CERAMIC 0.1uF 25V
C11	1-164-156-11	s	CERAMIC 0.1uF 25V
C12	1-135-165-11	s	TANTALUM, CHIP 33uF 10% 16V
C13	1-135-165-11	s	TANTALUM, CHIP 33uF 10% 16V
C14	1-164-156-11	s	CERAMIC 0.1uF 25V
C15	1-104-905-11	s	DOUBLE LAYERS, 0.22F 5.5V
C16	1-164-156-11	s	CERAMIC 0.1uF 25V
C17	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C18	1-164-156-11	s	CERAMIC 0.1uF 25V
C19	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C20	1-164-156-11	s	CERAMIC 0.1uF 25V
C21	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C22	1-164-156-11	s	CERAMIC 0.1uF 25V
C23	1-164-156-11	s	CERAMIC 0.1uF 25V
C24	1-164-156-11	s	CERAMIC 0.1uF 25V
C25	1-164-156-11	s	CERAMIC 0.1uF 25V
C26	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C27	1-164-156-11	s	CERAMIC 0.1uF 25V
C28	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C29	1-164-156-11	s	CERAMIC 0.1uF 25V
C30	1-164-156-11	s	CERAMIC 0.1uF 25V
C31	1-135-180-21	s	TANTALUM, CHIP 3.3uF 20% 6.3V
C32	1-162-966-11	s	CERAMIC, CHIP 0.0022uF 10% 50V
C33	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C34	1-135-076-21	s	TANTALUM, CHIP 1uF 10% 35V
C35	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C36	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C37	1-164-156-11	s	CERAMIC 0.1uF 25V
C38	1-164-156-11	s	CERAMIC 0.1uF 25V
C39	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C40	1-135-085-21	s	TANTALUM, CHIP 4.7uF 10% 25V
C41	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C42	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C43	1-164-156-11	s	CERAMIC 0.1uF 25V
C44	1-164-156-11	s	CERAMIC 0.1uF 25V
C45	1-164-156-11	s	CERAMIC 0.1uF 25V
C46	1-164-156-11	s	CERAMIC 0.1uF 25V
C47	1-164-156-11	s	CERAMIC 0.1uF 25V
C48	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C49	1-164-156-11	s	CERAMIC 0.1uF 25V
C50	1-135-157-21	s	TANTAL 10uF 10% 6.3V
C51	1-164-156-11	s	CERAMIC 0.1uF 25V
C52	1-164-156-11	s	CERAMIC 0.1uF 25V
C53	1-164-156-11	s	CERAMIC 0.1uF 25V

(AT-95 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C54	1-164-156-11	s	CERAMIC 0.1uF 25V
C55	1-164-156-11	s	CERAMIC 0.1uF 25V
C56	1-164-156-11	s	CERAMIC 0.1uF 25V
C57	1-164-156-11	s	CERAMIC 0.1uF 25V
C58	1-164-156-11	s	CERAMIC 0.1uF 25V
C59	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C60	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C61	1-164-156-11	s	CERAMIC 0.1uF 25V
C62	1-164-156-11	s	CERAMIC 0.1uF 25V
C63	1-164-156-11	s	CERAMIC 0.1uF 25V
C64	1-164-156-11	s	CERAMIC 0.1uF 25V
C65	1-164-156-11	s	CERAMIC 0.1uF 25V
C66	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C67	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C68	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C69	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C70	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C71	1-131-360-00	s	TANTALUM 15uF 10% 10V
C80	1-164-156-11	s	CERAMIC 0.1uF 25V
C81	1-126-925-11	s	ELECT 470uF 20% 10V
CNI36	1-540-197-11	o	SOCKET, IC
D1	8-719-029-63	s	DIODE RD4.3UH-T1
D2	8-719-820-41	s	DIODE 1SS302
D3	8-719-974-76	s	DIODE HSM107S
D4	8-719-974-76	s	DIODE HSM107S
D5	8-719-820-41	s	DIODE 1SS302
D6	8-719-974-76	s	DIODE HSM107S
D7	8-719-974-76	s	DIODE HSM107S
D8	8-719-974-76	s	DIODE HSM107S
D10	8-719-974-76	s	DIODE HSM107S
D11	8-719-974-76	s	DIODE HSM107S
D12	8-719-974-76	s	DIODE HSM107S
D13	8-719-974-76	s	DIODE HSM107S
D15	8-719-974-76	s	DIODE HSM107S
D16	8-719-820-41	s	DIODE 1SS302
D17	8-719-820-41	s	DIODE 1SS302
D18	8-719-820-41	s	DIODE 1SS302
D19	8-719-820-41	s	DIODE 1SS302
D20	8-719-820-41	s	DIODE 1SS302
D21	8-719-820-41	s	DIODE 1SS302
D22	8-719-820-41	s	DIODE 1SS302
IC1	8-759-252-59	s	IC MAX202CSE
IC2	8-759-242-78	s	IC TC7W02F
IC3	8-759-079-74	s	IC TC74VHC157FS(EL)
IC4	8-759-076-06	s	IC TL064CPW
IC5	8-759-076-06	s	IC TL064CPW
IC6	8-759-637-07	s	IC M62021FP
IC7	8-759-089-61	s	IC TC74HC4052AFS(EL)
IC8	8-759-082-60	s	IC TC7S66FU
IC9	8-759-076-06	s	IC TL064CPW
IC11	8-759-711-50	s	IC NJU7022M
IC12	8-759-711-50	s	IC NJU7022M
IC13	8-759-059-50	s	IC MB88351PFV
IC14	8-759-082-57	s	IC TC7W04FU
IC15	8-759-083-94	s	IC TC7W74FU
IC17	8-759-058-64	s	IC TC7S32FU(TE85R)
IC18	8-759-271-84	s	IC TC7SH02FU
IC19	8-759-271-86	s	IC TC7SH04FU

(AT-95 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC20	8-759-196-96	s	IC TC7SH08FU-TE85R
IC21	8-759-271-84	s	IC TC7SH02FU
IC22	8-759-196-97	s	IC TC7SH32FU-TE85R
IC23	8-759-186-31	s	IC TC74VHC20F
IC24	8-759-079-70	s	IC TC74VHC138FS(EL)
IC25	8-759-065-20	s	IC RTC-4553B
IC26	8-752-337-91	s	IC CXK58257ATM-70LL
IC27	8-759-154-60	s	IC UPD71055GB-10-3B4
IC28	8-759-154-60	s	IC UPD71055GB-10-3B4
IC29	8-759-149-10	s	IC UPD4702G
IC30	8-759-271-84	s	IC TC7SH02FU
IC31	8-759-196-97	s	IC TC7SH32FU-TE85R
IC32	8-759-242-78	s	IC TC7W02F
IC33	8-759-186-53	s	IC TC74VHC163F
IC34	8-759-186-53	s	IC TC74VHC163F
IC35	8-759-277-99	s	IC CXD8889R
IC36			IC PENDING
IC37	8-759-196-96	s	IC TC7SH08FU-TE85R
IC38	8-759-182-95	s	IC HD151015T
IC39	8-759-079-85	s	IC TC74VHC244FS(EL)
IC40	8-759-079-61	s	IC TC74VHC74FS(EL)
IC41	8-759-195-81	s	IC TC7S86FU
IC42	8-759-186-53	s	IC TC74VHC163F
IC43	8-759-082-57	s	IC TC7W04FU
IC44	8-759-186-53	s	IC TC74VHC163F
IC45	8-759-083-94	s	IC TC7W74FU
IC46	8-759-165-37	s	IC X24164SIC7000
IC47	8-759-078-75	s	IC UPD6453GT-610
IC48	8-759-276-00	s	IC TC7W139FU(TE12R)
L1	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L2	1-410-377-31	s	INDUCTOR CHIP 4.7uH
Q1	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q2	8-729-402-19	s	TRANSISTOR XN6501
Q3	8-729-920-48	s	TRANSISTOR IMH2
Q4	8-729-925-47	s	TRANSISTOR IMB2
Q5	8-729-920-48	s	TRANSISTOR IMH2
Q6	8-729-920-48	s	TRANSISTOR IMH2
R1	1-216-794-11	s	METAL, CHIP 5.6 5% 1/16W
R2	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R3	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R4	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R5	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R6	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R7	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R8	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R9	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R10	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R11	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R12	1-216-794-11	s	METAL, CHIP 5.6 5% 1/16W
R13	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R14	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R15	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R16	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R17	1-216-858-11	s	METAL, CHIP 1.2M 5% 1/16W
R18	1-218-723-11	s	METAL 20K 0.50% 1/16W
R19	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R20	1-216-809-11	s	METAL, CHIP 100 5% 1/16W

(AT-95 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R21	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R22	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R23	1-216-794-11	s	METAL, CHIP 5.6 5% 1/16W
R25	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R26	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R28	1-218-889-11	s	CHIP, METAL 56K 0.50% 1/16W
R29	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R30	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R31	1-218-720-11	s	METAL 15K 0.50% 1/16W
R32	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R33	1-216-862-11	s	METAL 2.7M 5% 1/16W
R34	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R35	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R36	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R37	1-216-863-11	s	METAL 3.3M 5% 1/16W
R38	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R39	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R40	1-218-716-11	s	METAL 10K 0.50% 1/16W
R41	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R42	1-216-819-11	s	METAL, CHIP 680 5% 1/16W
R43	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R44	1-218-707-11	s	CHIP, METAL 4.3K 0.50% 1/16W
R45	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R46	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R47	1-218-716-11	s	METAL 10K 0.50% 1/16W
R48	1-218-873-11	s	CHIP, METAL 12K 0.50% 1/16W
R49	1-218-716-11	s	METAL 10K 0.50% 1/16W
R50	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R51	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R52	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R53	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R54	1-216-836-11	s	METAL, CHIP 18K 5% 1/16W
R55	1-218-867-11	s	CHIP, METAL 6.8K 0.50% 1/16W
R56	1-216-824-11	s	METAL, CHIP 1.8K 5% 1/16W
R57	1-218-716-11	s	METAL 10K 0.50% 1/16W
R58	1-218-873-11	s	CHIP, METAL 12K 0.50% 1/16W
R59	1-216-820-11	s	METAL, CHIP 820 5% 1/16W
R60	1-216-855-11	s	METAL, CHIP 680K 5% 1/16W
R61	1-216-854-11	s	METAL, CHIP 560K 5% 1/16W
R62	1-218-752-11	s	METAL 330K 0.50% 1/16W
R63	1-216-854-11	s	METAL, CHIP 560K 5% 1/16W
R64	1-218-750-11	s	METAL 270K 0.50% 1/16W
R66	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R70	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R71	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R72	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R73	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R74	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R75	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R76	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R77	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R78	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R79	1-216-828-11	s	METAL, CHIP 3.9K 5% 1/16W
R80	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R81	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R82	1-218-866-11	s	CHIP, METAL 6.2K 0.50% 1/16W
R83	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R84	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R85	1-216-797-11	s	METAL, CHIP 10 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R86	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R87	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R88	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R89	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R90	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R91	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R92	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R93	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R94	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R95	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R96	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R97	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R98	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R99	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R100	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R101	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R102	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R103	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R104	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R105	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R106	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W
R107	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R108	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R109	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R110	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R111	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R114	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R115	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R118	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R119	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R120	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R121	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R122	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R123	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R124	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R125	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R126	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R127	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R128	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R129	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R130	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R131	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R132	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R133	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R134	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R135	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R136	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R137	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R138	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R139	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R140	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R141	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R142	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R143	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R144	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R145	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R146	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R147	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R148	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R149	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R150	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R151	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R152	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R153	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R154	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R155	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R160	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R161	1-216-862-11	s	METAL 2.7M 5% 1/16W
R162	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R163	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R164	1-218-751-11	s	METAL, CHIP 300K 0.50% 1/16
R165	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
RV1	1-237-035-11	s	RES, ADJ METAL 5K
S1	1-692-270-21	s	SWITCH, SLIDE

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Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8272-584-A	o	MOUNTED CIRCUIT BOARD, AU-211
1pc	3-692-162-02	o	PANEL,AU-211 PC BOARD
1pc	3-724-753-01	o	RING
6pcs	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)
C2	1-128-594-11	s	ELECT, NONPOLAR 1uF 20% 50V
C3	1-128-594-11	s	ELECT, NONPOLAR 1uF 20% 50V
C4	1-162-959-11	s	CERAMIC 330PF 5% 50V
C5	1-162-959-11	s	CERAMIC 330PF 5% 50V
C6	1-128-453-21	s	ELECT 47uF 20% 6.3V
C7	1-135-179-21	s	TANTAL 2.2uF 10% 16V
C8	1-164-156-11	s	CERAMIC 0.1uF 25V
C9	1-128-594-11	s	ELECT, NONPOLAR 1uF 20% 50V
C10	1-128-594-11	s	ELECT, NONPOLAR 1uF 20% 50V
C13	1-128-403-11	s	ELECT 47uF 20% 35V
C14	1-104-601-11	s	ELECT 10uF 20% 10V
C15	1-104-601-11	s	ELECT 10uF 20% 10V
C17	1-128-593-11	s	ELECT(NONPOLAR) 0.47uF 20% 50V
C18	1-128-593-11	s	ELECT(NONPOLAR) 0.47uF 20% 50V
C19	1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V
C20	1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V
C21	1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V
C22	1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V
C23	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C24	1-128-594-11	s	ELECT, NONPOLAR 1uF 20% 50V
C25	1-135-227-11	s	TANTAL 100uF 10% 6.3V
C26	1-128-394-11	s	ELECT 220uF 20% 10V
C27	1-162-924-11	s	CERAMIC 56PF 5% 50V
C32	1-164-156-11	s	CERAMIC 0.1uF 25V
C33	1-135-138-11	s	TANTALUM, CHIP 10uF 20% 25V
C34	1-135-138-11	s	TANTALUM, CHIP 10uF 20% 25V
C35	1-164-156-11	s	CERAMIC 0.1uF 25V
C36	1-135-140-11	s	TANTAL 15uF 10% 20V
C37	1-135-140-11	s	TANTAL 15uF 10% 20V
C38	1-135-140-11	s	TANTAL 15uF 10% 20V
C39	1-135-140-11	s	TANTAL 15uF 10% 20V
C40	1-128-592-11	s	ELECT 0.33uF 20% 50V
C41	1-128-592-11	s	ELECT 0.33uF 20% 50V
C42	1-135-157-21	s	TANTAL 10uF 10% 6.3V
C43	1-135-157-21	s	TANTAL 10uF 10% 6.3V
C44	1-135-157-21	s	TANTAL 10uF 10% 6.3V
C45	1-164-156-11	s	CERAMIC 0.1uF 25V
C46	1-164-156-11	s	CERAMIC 0.1uF 25V
C47	1-164-156-11	s	CERAMIC 0.1uF 25V
C48	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C49	1-164-156-11	s	CERAMIC 0.1uF 25V
C50	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C51	1-164-156-11	s	CERAMIC 0.1uF 25V
C52	1-128-453-21	s	ELECT 47uF 20% 6.3V
C53	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C54	1-162-928-11	s	CERAMIC 120PF 5% 50V
C55	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C56	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C57	1-126-404-11	s	CHIP,ELECT 4.7uF 20% 50V
C58	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C61	1-126-404-11	s	CHIP,ELECT 4.7uF 20% 50V
C62	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C63	1-135-179-21	s	TANTAL 2.2uF 10% 16V
C64	1-128-592-11	s	ELECT 0.33uF 20% 50V
C66	1-128-592-11	s	ELECT 0.33uF 20% 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C68	1-135-157-21	s	TANTAL 10uF 10% 6.3V
C69	1-164-156-11	s	CERAMIC 0.1uF 25V
C70	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C71	1-164-156-11	s	CERAMIC 0.1uF 25V
C72	1-164-156-11	s	CERAMIC 0.1uF 25V
C73	1-164-156-11	s	CERAMIC 0.1uF 25V
C74	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C75	1-164-156-11	s	CERAMIC 0.1uF 25V
C76	1-128-453-21	s	ELECT 47uF 20% 6.3V
C77	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C78	1-162-928-11	s	CERAMIC 120PF 5% 50V
C79	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C80	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C81	1-164-156-11	s	CERAMIC 0.1uF 25V
C82	1-162-959-11	s	CERAMIC 330PF 5% 50V
C83	1-164-156-11	s	CERAMIC 0.1uF 25V
C84	1-164-156-11	s	CERAMIC 0.1uF 25V
C85	1-164-156-11	s	CERAMIC 0.1uF 25V
C86	1-164-156-11	s	CERAMIC 0.1uF 25V
C87	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C88	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C89	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C90	1-135-181-21	s	TANTALUM, CHIP 4.7uF 10% 6.3V
C91	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C92	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C93	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C94	1-135-157-21	s	TANTAL 10uF 10% 6.3V
C95	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C96	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C97	1-135-181-21	s	TANTALUM, CHIP 4.7uF 10% 6.3V
C98	1-164-217-11	s	CERAMIC 150PF 5% 50V
C99	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C100	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C101	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C102	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C103	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C104	1-164-217-11	s	CERAMIC 150PF 5% 50V
C105	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C106	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C107	1-135-157-21	s	TANTAL 10uF 10% 6.3V
C108	1-128-403-11	s	ELECT 47uF 20% 35V
C109	1-135-136-21	s	TANTALUM 6.8uF 10% 35V
C110	1-128-403-11	s	ELECT 47uF 20% 35V
C111	1-126-934-11	s	ELECT 220uF 20% 16V
C112	1-135-136-21	s	TANTALUM 6.8uF 10% 35V
C113	1-135-136-21	s	TANTALUM 6.8uF 10% 35V
C114	1-128-403-11	s	ELECT 47uF 20% 35V
C115	1-126-934-11	s	ELECT 220uF 20% 16V
C116	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C117	1-165-112-11	s	CERAMIC 0.33uF 16V
C119	1-162-928-11	s	CERAMIC 120PF 5% 50V
C120	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C121	1-104-914-11	s	TANTAL 22uF 20% 16V
C123	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C125	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C126	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C130	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C131	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C132	1-162-964-11	s	CERAMIC 0.001uF 10% 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C133	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C134	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C135	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C136	1-135-164-21	s	TANTALUM, CHIP 22uF 20% 10V
C137	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C138	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C139	1-165-128-11	s	CERAMIC 0.22uF 16V
C140	1-135-179-21	s	TANTAL 2.2uF 10% 16V
C141	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C142	1-135-179-21	s	TANTAL 2.2uF 10% 16V
C143	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C144	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C145	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C201	1-131-377-00	s	TANTALUM 10uF 10% 10V
D2	8-719-404-35	s	DIODE MA141WK
D5	8-719-106-52	s	DIODE RD10M-B1
D6	8-719-029-65	s	DIODE RD4.7UJN-T1
D7	8-719-404-35	s	DIODE MA141WK
D8	8-719-404-35	s	DIODE MA141WK
D9	8-719-404-35	s	DIODE MA141WK
D10	8-719-017-42	s	DIODE HSM88WA
D11	8-719-404-35	s	DIODE MA141WK
D12	8-719-024-81	s	DIODE 1SS300-TE85L
D17	8-719-029-76	s	DIODE RD13UJN-T1
D18	8-719-404-35	s	DIODE MA141WK
D19	8-719-404-35	s	DIODE MA141WK
D20	8-719-404-35	s	DIODE MA141WK
D21	8-719-024-81	s	DIODE 1SS300-TE85L
D22	8-719-029-65	s	DIODE RD4.7UJN-T1
D23	8-719-800-76	s	DIODE 1SS226
D24	8-719-800-76	s	DIODE 1SS226
D25	8-719-029-65	s	DIODE RD4.7UJN-T1
D26	8-719-404-35	s	DIODE MA141WK
D27	8-719-800-76	s	DIODE 1SS226
D28	8-719-800-76	s	DIODE 1SS226
D29	8-719-029-76	s	DIODE RD13UJN-T1
D30	8-759-274-67	s	IC LM4040BIM3X-5.0
D31	8-719-041-68	s	DIODE RD3.3UH-T1
D32	8-719-041-68	s	DIODE RD3.3UH-T1
IC1	8-759-278-58	s	IC NJM4558V-TE2
IC2	8-759-082-61	s	IC TC4W53FU
IC4	8-759-983-69	s	IC LM358PS
IC5	8-759-085-04	s	IC M51132FP
IC6	8-759-278-58	s	IC NJM4558V-TE2
IC8	8-759-356-17	s	IC NJM4556AM-A-TE2
IC9	8-759-300-71	s	IC MC14053BF
IC10	8-759-082-61	s	IC TC4W53FU
IC11	8-759-100-93	s	IC UPC393G2
IC12	8-759-209-54	s	IC TC4S01F
IC13	8-759-231-30	s	IC TC4S30F
IC14	8-759-278-58	s	IC NJM4558V-TE2
IC15	8-759-278-58	s	IC NJM4558V-TE2
IC16	8-759-092-81	s	IC SN75158PS
IC17	8-749-924-62	s	PNOTO COUPLER PC410
IC18	8-749-924-62	s	PNOTO COUPLER PC410
IC19	8-759-231-30	s	IC TC4S30F
IC20	8-759-032-01	s	IC MC74HC00AF
IC22	8-759-100-93	s	IC UPC393G2
IC23	8-759-209-57	s	IC TC4S69F

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Ref. No. or Q'ty	Part No.	SP	Description
IC24	8-759-260-55	s	IC TLC272CPW-E05
L1	1-412-032-11	s	INDUCTOR CHIP 100uH
Q1	8-729-119-04	s	TRANSISTOR 2SC3115
Q2	8-729-117-32	s	TRANSISTOR 2SC4177
Q3	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q4	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q5	8-729-119-04	s	TRANSISTOR 2SC3115
Q6	8-729-117-32	s	TRANSISTOR 2SC4177
Q7	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q8	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q9	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q17	8-729-117-32	s	TRANSISTOR 2SC4177
Q18	8-729-117-32	s	TRANSISTOR 2SC4177
Q19	8-729-117-32	s	TRANSISTOR 2SC4177
Q20	8-729-117-32	s	TRANSISTOR 2SC4177
Q21	8-729-928-27	s	TRANSISTOR DTA144EE
Q22	8-729-119-04	s	TRANSISTOR 2SC3115
Q23	8-729-119-04	s	TRANSISTOR 2SC3115
Q24	8-729-119-04	s	TRANSISTOR 2SC3115
Q25	8-729-117-32	s	TRANSISTOR 2SC4177
Q26	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q27	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q28	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q29	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q30	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q31	8-729-117-32	s	TRANSISTOR 2SC4177
Q32	8-729-119-04	s	TRANSISTOR 2SC3115
Q33	8-729-117-32	s	TRANSISTOR 2SC4177
Q34	8-729-117-32	s	TRANSISTOR 2SC4177
Q35	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q36	8-729-119-61	s	TRANSISTOR 2SA811A-C15
Q37	8-729-117-32	s	TRANSISTOR 2SC4177
Q38	8-729-928-27	s	TRANSISTOR DTA144EE
Q39	8-729-119-04	s	TRANSISTOR 2SC3115
Q40	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q41	8-729-119-04	s	TRANSISTOR 2SC3115
Q42	8-729-928-81	s	TRANSISTOR DTC144EE
Q43	8-729-119-04	s	TRANSISTOR 2SC3115
Q44	8-729-216-22	s	TRANSISTOR 2SA1162
Q45	8-729-117-32	s	TRANSISTOR 2SC4177
Q46	8-729-117-32	s	TRANSISTOR 2SC4177
Q47	8-729-119-04	s	TRANSISTOR 2SC3115
Q48	8-729-117-32	s	TRANSISTOR 2SC4177
Q49	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q50	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q51	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q52	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q53	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q54	8-729-117-32	s	TRANSISTOR 2SC4177
Q55	8-729-119-04	s	TRANSISTOR 2SC3115
Q56	8-729-117-32	s	TRANSISTOR 2SC4177
Q57	8-729-117-32	s	TRANSISTOR 2SC4177
Q58	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q59	8-729-117-32	s	TRANSISTOR 2SC4177
Q60	8-729-117-32	s	TRANSISTOR 2SC4177
Q61	8-729-117-32	s	TRANSISTOR 2SC4177
Q62	8-729-118-56	s	TRANSISTOR 2SK852-X2

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Ref. No. or Q'ty	Part No.	SP	Description
Q63	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q64	8-729-117-32	s	TRANSISTOR 2SC4177
Q65	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q66	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q67	8-729-106-60	s	TRANSISTOR 2SB1115A
Q68	8-729-117-32	s	TRANSISTOR 2SC4177
Q69	8-729-117-32	s	TRANSISTOR 2SC4177
Q70	8-729-117-32	s	TRANSISTOR 2SC4177
Q71	8-729-117-32	s	TRANSISTOR 2SC4177
Q72	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q73	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q74	8-729-117-32	s	TRANSISTOR 2SC4177
Q75	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q76	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q77	8-729-106-60	s	TRANSISTOR 2SB1115A
Q78	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q79	8-729-928-81	s	TRANSISTOR DTC144EE
Q82	8-729-117-32	s	TRANSISTOR 2SC4177
Q83	8-729-159-65	s	TRANSISTOR 2SD596-DV5
Q84	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q85	8-729-141-48	s	TRANSISTOR 2SB624-BV345
R1	1-218-844-11	s	CHIP, METAL 750 0.50% 1/16W
R2	1-218-844-11	s	CHIP, METAL 750 0.50% 1/16W
R3	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R4	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R5	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R6	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R7	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R8	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R9	1-218-723-11	s	METAL 20K 0.50% 1/16W
R10	1-218-870-11	s	CHIP, METAL 9.1K 0.50% 1/16W
R11	1-218-720-11	s	METAL 15K 0.50% 1/16W
R12	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R13	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R14	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R15	1-218-870-11	s	CHIP, METAL 9.1K 0.50% 1/16W
R16	1-218-720-11	s	METAL 15K 0.50% 1/16W
R17	1-218-723-11	s	METAL 20K 0.50% 1/16W
R18	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R19	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R20	1-218-723-11	s	METAL 20K 0.50% 1/16W
R21	1-218-723-11	s	METAL 20K 0.50% 1/16W
R22	1-218-727-11	s	METAL 30K 0.50% 1/16W
R23	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R24	1-218-828-11	s	METAL 160 0.50% 1/16W
R25	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R26	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R27	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R28	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W
R30	1-218-866-11	s	CHIP, METAL 6.2K 0.50% 1/16W
R31	1-216-847-11	s	METAL, CHIP 150K 5% 1/16W
R32	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R33	1-216-846-11	s	METAL, CHIP 120K 5% 1/16W
R34	1-216-835-11	s	METAL, CHIP 15K 5% 1/16W
R35	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R36	1-216-835-11	s	METAL, CHIP 15K 5% 1/16W
R37	1-220-158-91	s	CHIP,METAL 3.6K 5% 1/16W
R38	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R39	1-216-835-11	s	METAL, CHIP 15K 5% 1/16W
R40	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R41	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W
R42	1-216-835-11	s	METAL, CHIP 15K 5% 1/16W
R43	1-220-158-91	s	CHIP,METAL 3.6K 5% 1/16W
R44	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R46	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R47	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R48	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R49	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R50	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R51	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R52	1-218-752-11	s	METAL, CHIP 330K 5% 1/16W
R53	1-218-752-11	s	METAL, CHIP 330K 5% 1/16W
R56	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R57	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R58	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R59	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R60	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R61	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R62	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R63	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R64	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R65	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R66	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R67	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R68	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R69	1-216-819-11	s	METAL, CHIP 680 5% 1/16W
R70	1-216-819-11	s	METAL, CHIP 680 5% 1/16W
R71	1-216-819-11	s	METAL, CHIP 680 5% 1/16W
R72	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R73	1-216-827-11	s	METAL, CHIP 3.3K 5% 1/16W
R74	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R75	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R76	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R77	1-216-827-11	s	METAL, CHIP 3.3K 5% 1/16W
R78	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R79	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R80	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R81	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R82	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R83	1-216-834-11	s	METAL, CHIP 12K 5% 1/16W
R84	1-218-720-11	s	METAL 15K 0.50% 1/16W
R85	1-218-841-11	s	CHIP, METAL 560 0.50% 1/16W
R86	1-216-835-11	s	METAL, CHIP 15K 5% 1/16W
R87	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R88	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R89	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R90	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R91	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R92	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R93	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R94	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R95	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R97	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R98	1-216-801-11	s	METAL, CHIP 22 5% 1/16W
R99	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R100	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R101	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R102	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R103	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R104	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R105	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R106	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R107	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R108	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R109	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R110	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R111	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R112	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R113	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R114	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R115	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R116	1-218-841-11	s	CHIP, METAL 560 0.50% 1/16W
R117	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R118	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R119	1-218-723-11	s	METAL 20K 0.50% 1/16W
R120	1-216-827-11	s	METAL, CHIP 3.3K 5% 1/16W
R121	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R122	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R123	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R124	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R125	1-218-722-11	s	CHIP, METAL 18K 0.50% 1/16W
R126	1-218-722-11	s	CHIP, METAL 18K 0.50% 1/16W
R127	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R128	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R130	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R131	1-216-801-11	s	METAL, CHIP 22 5% 1/16W
R132	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R133	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R134	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R135	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R136	1-216-827-11	s	METAL, CHIP 3.3K 5% 1/16W
R137	1-216-826-11	s	METAL, CHIP 2.7K 5% 1/16W
R138	1-216-827-11	s	METAL, CHIP 3.3K 5% 1/16W
R139	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R140	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R141	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W
R142	1-216-827-11	s	METAL, CHIP 3.3K 5% 1/16W
R143	1-216-826-11	s	METAL, CHIP 2.7K 5% 1/16W
R144	1-216-827-11	s	METAL, CHIP 3.3K 5% 1/16W
R145	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R146	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R147	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R148	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R149	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R150	1-218-829-11	s	CHIP, METAL 180 0.50% 1/16W
R151	1-218-829-11	s	CHIP, METAL 180 0.50% 1/16W
R156	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R157	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R158	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R159	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R160	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R161	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R162	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R163	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R164	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R165	1-216-797-11	s	METAL, CHIP 10 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R166	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R167	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R168	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R169	1-218-841-11	s	CHIP, METAL 560 0.50% 1/16W
R170	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R171	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R172	1-218-723-11	s	METAL 20K 0.50% 1/16W
R173	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R174	1-216-827-11	s	METAL, CHIP 3.3K 5% 1/16W
R175	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R176	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R177	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R178	1-218-722-11	s	CHIP, METAL 18K 0.50% 1/16W
R179	1-218-722-11	s	CHIP, METAL 18K 0.50% 1/16W
R180	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R181	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R182	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R183	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R184	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R188	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R189	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R190	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R191	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R193	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R194	1-218-866-11	s	CHIP, METAL 6.2K 0.50% 1/16W
R195	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R196	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W
R197	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R198	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R199	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W
R200	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R201	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R202	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R203	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R204	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R205	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R206	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R207	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R208	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R209	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R210	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R211	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R215	1-216-789-11	s	METAL, CHIP 2.2 5% 1/16W
R216	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R217	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R220	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W
R221	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W
R222	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W
R223	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W
R224	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W
R225	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W
R226	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W
R227	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W
R229	1-216-791-11	s	METAL, CHIP 3.3 5% 1/16W
R230	1-216-791-11	s	METAL, CHIP 3.3 5% 1/16W
R231	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R232	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R233	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R234	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R235	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R236	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R237	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R238	1-216-819-11	s	METAL, CHIP 680 5% 1/16W
R239	1-216-819-11	s	METAL, CHIP 680 5% 1/16W
R240	1-216-819-11	s	METAL, CHIP 680 5% 1/16W
R241	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R242	1-216-827-11	s	METAL, CHIP 3.3K 5% 1/16W
R243	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R244	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R245	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R246	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R247	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R248	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R250	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R251	1-216-835-11	s	METAL, CHIP 15K 5% 1/16W
R253	1-216-791-11	s	METAL, CHIP 3.3 5% 1/16W
R254	1-216-791-11	s	METAL, CHIP 3.3 5% 1/16W
R255	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R257	1-216-789-11	s	METAL, CHIP 2.2 5% 1/16W
R258	1-216-789-11	s	METAL, CHIP 2.2 5% 1/16W
R266	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R267	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R268	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R269	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R270	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R271	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R272	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R273	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R274	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R275	1-218-671-11	s	CHIP, METAL 130 0.50% 1/16W
R276	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R277	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R278	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R279	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R280	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R285	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R286	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R287	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R288	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R289	1-216-843-11	s	METAL, CHIP 68K 5% 1/16W
R290	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R291	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R292	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R293	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R294	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R295	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R296	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R297	1-216-834-11	s	METAL, CHIP 12K 5% 1/16W
R298	1-218-727-11	s	METAL 30K 0.50% 1/16W
R299	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R300	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R301	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R302	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R400	1-218-873-11	s	CHIP, METAL 12K 0.50% 1/16W
R401	1-218-727-11	s	METAL 30K 0.50% 1/16W
R402	1-218-844-11	s	CHIP, METAL 750 0.50% 1/16W
R403	1-218-844-11	s	CHIP, METAL 750 0.50% 1/16W
R404	1-215-407-00	s	METAL 270 1% 1/6W
R410	1-218-756-11	s	CHIP, METAL 150K 0.5% 1/10W
R411	1-218-756-11	s	CHIP, METAL 150K 0.5% 1/10W

(AU-211 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RV1	1-237-036-11	s	RES, ADJ METAL 10K
RV3	1-237-040-11	s	RES, ADJ METAL 200K
RV4	1-237-036-11	s	RES, ADJ METAL 10K
SW1	1-692-531-11	s	SWITCH, TOGGLE
SW2	1-692-271-21	s	SWITCH, SLIDE
SW3	1-692-881-21	s	SWITCH, SLIDE
SW4	1-692-530-11	s	SWITCH, TOGGLE
SW5	1-570-711-11	s	SWITCH, SLIDE
SW6	1-570-711-11	s	SWITCH, SLIDE

AU-215 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8272-813-A	o	MOUNTED CIRCUIT BOARD, AU-215
1pc	3-693-199-01	o	PANEL, PC BOARD AU-215
1pc	3-724-753-01	o	RING
6pcs	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)
C1	1-135-091-91	s	CHIP, TANTALUM 1uF 20% 16V
C2	1-126-404-11	s	CHIP,ELECT 4.7uF 20% 50V
C3	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C4	1-126-404-11	s	CHIP,ELECT 4.7uF 20% 50V
C5	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C6	1-135-091-91	s	CHIP, TANTALUM 1uF 20% 16V
C7	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C8	1-135-165-11	s	TANTALUM, CHIP 33uF 10% 16V
C40	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C41	1-135-145-11	s	TANTALUM, CHIP 0.47uF 10% 35V
C42	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C43	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C44	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V
C45	1-128-404-11	s	ELECT, CHIP 100uF 20% 35V
C200	1-128-393-11	s	ELECT 100uF 20% 10V
C201	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C202	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C203	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C204	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C206	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C207	1-164-156-11	s	CERAMIC 0.1uF 25V
C208	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C210	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C211	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C212	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C230	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C231	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C240	1-164-363-11	s	CERAMIC 560P 5% 50V
C300	1-164-156-11	s	CERAMIC 0.1uF 25V
C301	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C302	1-164-156-11	s	CERAMIC 0.1uF 25V
C303	1-164-156-11	s	CERAMIC 0.1uF 25V
C304	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C305	1-164-156-11	s	CERAMIC 0.1uF 25V
C306	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C307	1-164-156-11	s	CERAMIC 0.1uF 25V
C309	1-164-156-11	s	CERAMIC 0.1uF 25V
C311	1-164-156-11	s	CERAMIC 0.1uF 25V
C312	1-135-213-21	s	TANTALUM, CHIP 3.3uF 20% 25V
C313	1-135-213-21	s	TANTALUM, CHIP 3.3uF 20% 25V
C316	1-164-156-11	s	CERAMIC 0.1uF 25V
C317	1-135-213-21	s	TANTALUM, CHIP 3.3uF 20% 25V
C318	1-135-213-21	s	TANTALUM, CHIP 3.3uF 20% 25V
D1	8-719-029-76	s	DIODE RD13UJN-T1
D2	8-719-404-35	s	DIODE MA141WK
D3	8-719-404-35	s	DIODE MA141WK
D40	8-719-989-76	s	DIODE SC802-04
D41	8-719-989-76	s	DIODE SC802-04
D42	8-719-029-77	s	DIODE RD15UJN-T1
IC1	8-759-076-06	s	IC TL064CPW
IC2	8-759-082-61	s	IC TC4W53FU
IC40	8-759-349-19	s	IC NJM3414AM-TE2
IC41	8-759-173-16	s	IC TL062CPW
IC200	8-759-076-06	s	IC TL064CPW

(AU-215 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC201	8-759-700-45	s	IC NJM4556M-A
IC300	8-759-082-57	s	IC TC7W04FU
IC301	8-759-058-62	s	IC TC7S08FU(TE85R)
IC302	8-759-011-65	s	IC MC74HC4053F
IC303	8-759-173-16	s	IC TL062CPW
IC304	8-759-929-21	s	IC TLC27L2CPS
Q1	8-729-117-32	s	TRANSISTOR 2SC4177
Q2	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q3	8-729-119-61	s	TRANSISTOR 2SA811A-C15
Q4	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q5	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q6	8-729-119-04	s	TRANSISTOR 2SC3115
Q7	8-729-119-04	s	TRANSISTOR 2SC3115
Q8	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q9	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q10	8-729-216-22	s	TRANSISTOR 2SA1162
Q11	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q40	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q300	8-729-101-07	s	TRANSISTOR 2SB798
Q301	8-729-101-07	s	TRANSISTOR 2SB798
Q302	8-729-101-07	s	TRANSISTOR 2SB798
Q303	8-729-117-32	s	TRANSISTOR 2SC4177
Q304	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q305	8-729-101-07	s	TRANSISTOR 2SB798
Q306	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q307	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q308	8-729-101-07	s	TRANSISTOR 2SB798
Q309	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R1	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R2	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R4	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R5	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R6	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R7	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R8	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R9	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R10	1-216-838-11	s	METAL, CHIP 27K 5% 1/16W
R11	1-216-836-11	s	METAL, CHIP 18K 5% 1/16W
R12	1-216-836-11	s	METAL, CHIP 18K 5% 1/16W
R13	1-216-838-11	s	METAL, CHIP 27K 5% 1/16W
R14	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R15	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R16	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R17	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R18	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R20	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R22	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R23	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R24	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R25	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W
R26	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R27	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R28	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R29	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R30	1-216-812-11	s	METAL, CHIP 180 5% 1/16W
R31	1-216-812-11	s	METAL, CHIP 180 5% 1/16W
R32	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R33	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W

(AU-215 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R35	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R36	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R38	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R39	1-216-834-11	s	METAL, CHIP 12K 5% 1/16W
R40	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R41	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R42	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W
R43	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R44	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R46	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R47	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W
R48	1-216-830-11	s	METAL, CHIP 5.6K 5% 1/16W
R49	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R50	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R51	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R52	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R53	1-218-675-11	s	CHIP, METAL 200 0.50% 1/16W
R54	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R200	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R201	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R202	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R203	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R204	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R205	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R206	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R207	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R208	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R210	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R211	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R212	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W
R214	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R215	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R218	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R219	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R220	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R221	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R222	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R223	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R224	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R232	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R234	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R235	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R236	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R237	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R238	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R240	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R241	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R242	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R250	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R300	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R301	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R302	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R303	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R304	1-216-848-11	s	METAL, CHIP 180K 5% 1/16W
R305	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R306	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R307	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R308	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R309	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W

(AU-215 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R310	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R311	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R312	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R313	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R314	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R315	1-216-820-11	s	METAL, CHIP 820 5% 1/16W
R316	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R317	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R318	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R319	1-218-606-11	s	CHIP, METAL 2.2 5% 1W
R320	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R321	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R322	1-216-820-11	s	METAL, CHIP 820 5% 1/16W
R323	1-218-606-11	s	CHIP, METAL 2.2 5% 1W
R324	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R325	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R326	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R327	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R328	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
RV40	1-237-036-11	s	RES, ADJ METAL 10K
RV200	1-237-038-11	s	RES, ADJ, METAL 50K
RV300	1-237-038-11	s	RES, ADJ, METAL 50K
RV301	1-237-038-11	s	RES, ADJ, METAL 50K
S200	1-570-711-11	s	SWITCH, SLIDE
S201	1-570-711-11	s	SWITCH, SLIDE

CN-986 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-653-467-21	o	PRINTED CIRCUIT BOARD, CN-986
CN51	1-564-241-11	o	PIN, CONNECTOR (B4P-VH) 4P
CN52	1-564-320-00	s	PIN, CONNECTOR (B2P-VH) 2P
CN53	1-564-243-11	o	PIN, CONNECTOR 6P
CN54	1-564-104-00	o	PIN, CONNECTOR (B3P-VH) 3P

CN-988/989/990 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-709-123-21	o	PRINTED CIRCUIT BOARD, COMBINED CN-988/989/990(ZX-304)

CN-1142 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8272-559-A	o	MOUNTED CIRCUIT BOARD, CN-1142

CN-1231 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-658-604-21	o	PRINTED CIRCUIT BOARD, CN-1231
C12	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C13	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C14	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C15	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
CN2	1-580-531-11	o	PIN, CONNECTOR 4P

CN-1232 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-658-603-21	o	PRINTED CIRCUIT BOARD, CN-1232
6pcs	2-280-622-01	o	SUPPORT (M3), HEXAGON
6pcs	7-682-544-04	s	SCREW +B 3X3
C1	1-162-974-11	s	CERAMIC 0.01uF 50V
C2	1-162-974-11	s	CERAMIC 0.01uF 50V
C3	1-162-974-11	s	CERAMIC 0.01uF 50V
C4	1-162-974-11	s	CERAMIC 0.01uF 50V
C5	1-162-974-11	s	CERAMIC 0.01uF 50V
C6	1-162-974-11	s	CERAMIC 0.01uF 50V
C7	1-162-974-11	s	CERAMIC 0.01uF 50V
C8	1-162-974-11	s	CERAMIC 0.01uF 50V
C9	1-162-974-11	s	CERAMIC 0.01uF 50V
C10	1-162-974-11	s	CERAMIC 0.01uF 50V
C11	1-162-974-11	s	CERAMIC 0.01uF 50V
C12	1-162-974-11	s	CERAMIC 0.01uF 50V
C13	1-162-974-11	s	CERAMIC 0.01uF 50V
CN1	1-750-934-21	o	PIN, CONNECTOR 20P
CN2	1-568-337-21	o	CONNECTOR, BOARD TO BOARD 22P
CN3	1-568-331-11	s	CONNECTOR, BOARD TO BOARD 10P

CN-1239A/1239B BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-658-609-21	o	PRINTED CIRCUIT BOARD, CN-1239
C1	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C2	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C3	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C4	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C5	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C6	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
CN43	1-750-933-21	o	PIN, CONNECTOR 12P
JC2	1-216-295-11	s	CHIP, CONDUCTOR 0
JC3	1-216-295-11	s	CHIP, CONDUCTOR 0
JC6	1-216-295-11	s	CHIP, CONDUCTOR 0
JC7	1-216-295-11	s	CHIP, CONDUCTOR 0

DA-88 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8272-566-A	o	MOUNTED CIRCUIT BOARD, DA-88
1pc	3-692-128-02	o	PANEL,DA-88 PC BOARD
1pc	3-724-753-01	o	RING
6pcs	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)
C1	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C2	1-135-160-21	s	CHIP, TANTALUM 15uF 10% 16V
C3	1-164-156-11	s	CERAMIC 0.1uF 25V
C4	1-164-156-11	s	CERAMIC 0.1uF 25V
C5	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C6	1-135-160-21	s	CHIP, TANTALUM 15uF 10% 16V
C7	1-164-156-11	s	CERAMIC 0.1uF 25V
C8	1-162-923-11	s	CERAMIC, CHIP 47PF 5% 50V
C9	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V
C10	1-135-160-21	s	CHIP, TANTALUM 15uF 10% 16V
C11	1-164-156-11	s	CERAMIC 0.1uF 25V
C12	1-164-156-11	s	CERAMIC 0.1uF 25V
C13	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C14	1-135-160-21	s	CHIP, TANTALUM 15uF 10% 16V
C15	1-164-156-11	s	CERAMIC 0.1uF 25V
C16	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C17	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C18	1-164-156-11	s	CERAMIC 0.1uF 25V
C19	1-164-156-11	s	CERAMIC 0.1uF 25V
C20	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C21	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C23	1-164-156-11	s	CERAMIC 0.1uF 25V
C24	1-164-156-11	s	CERAMIC 0.1uF 25V
C25	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C26	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C27	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C28	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C29	1-164-156-11	s	CERAMIC 0.1uF 25V
C30	1-164-156-11	s	CERAMIC 0.1uF 25V
C31	1-164-156-11	s	CERAMIC 0.1uF 25V
C32	1-164-156-11	s	CERAMIC 0.1uF 25V
C33	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C34	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C35	1-164-156-11	s	CERAMIC 0.1uF 25V
C36	1-164-156-11	s	CERAMIC 0.1uF 25V
C37	1-164-156-11	s	CERAMIC 0.1uF 25V
C38	1-164-156-11	s	CERAMIC 0.1uF 25V
C39	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C40	1-135-160-21	s	CHIP, TANTALUM 15uF 10% 16V
C41	1-164-156-11	s	CERAMIC 0.1uF 25V
C42	1-164-156-11	s	CERAMIC 0.1uF 25V
C43	1-164-156-11	s	CERAMIC 0.1uF 25V
C44	1-164-156-11	s	CERAMIC 0.1uF 25V
C45	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C46	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C47	1-164-156-11	s	CERAMIC 0.1uF 25V
C48	1-162-913-11	s	CERAMIC 8PF 0.5PF 50V
C49	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C50	1-164-156-11	s	CERAMIC 0.1uF 25V
C51	1-164-156-11	s	CERAMIC 0.1uF 25V
C52	1-164-156-11	s	CERAMIC 0.1uF 25V
C53	1-164-156-11	s	CERAMIC 0.1uF 25V
C54	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C55	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C56	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C57	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C58	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C59	1-164-315-11	s	CERAMIC 470PF 5% 50V
C61	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C64	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C65	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C66	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C67	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C68	1-164-156-11	s	CERAMIC 0.1uF 25V
C69	1-164-156-11	s	CERAMIC 0.1uF 25V
C70	1-162-913-11	s	CERAMIC 8PF 0.5PF 50V
C71	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C72	1-164-156-11	s	CERAMIC 0.1uF 25V
C73	1-164-156-11	s	CERAMIC 0.1uF 25V
C74	1-164-156-11	s	CERAMIC 0.1uF 25V
C75	1-164-156-11	s	CERAMIC 0.1uF 25V
C76	1-135-162-21	s	TANTALUM, CHIP 33uF 10% 6.3V
C77	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C81	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C82	1-164-156-11	s	CERAMIC 0.1uF 25V
C83	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C84	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C85	1-162-918-11	s	CERAMIC, CHIP 18PF 5% 50V
C87	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C88	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C89	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C90	1-162-911-11	s	CERAMIC, CHIP 6PF 50V
C92	1-164-156-11	s	CERAMIC 0.1uF 25V
C93	1-135-160-21	s	CHIP, TANTALUM 15uF 10% 16V
C95	1-164-156-11	s	CERAMIC 0.1uF 25V
C96	1-164-156-11	s	CERAMIC 0.1uF 25V
C97	1-164-156-11	s	CERAMIC 0.1uF 25V
C98	1-164-156-11	s	CERAMIC 0.1uF 25V
C99	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C100	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C101	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C102	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C103	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C104	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C105	1-164-315-11	s	CERAMIC 470PF 5% 50V
C106	1-164-156-11	s	CERAMIC 0.1uF 25V
C107	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C109	1-164-156-11	s	CERAMIC 0.1uF 25V
C110	1-135-160-21	s	CHIP, TANTALUM 15uF 10% 16V
C113	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C114	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C115	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C118	1-164-156-11	s	CERAMIC 0.1uF 25V
C119	1-164-156-11	s	CERAMIC 0.1uF 25V
C120	1-164-156-11	s	CERAMIC 0.1uF 25V
C121	1-164-156-11	s	CERAMIC 0.1uF 25V
C122	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C123	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C124	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C125	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C126	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C127	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C128	1-164-156-11	s	CERAMIC 0.1uF 25V
C129	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V

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Ref. No. or Q'ty	Part No.	SP	Description
C132	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C133	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C134	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C136	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C137	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C138	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C140	1-164-156-11	s	CERAMIC 0.1uF 25V
C141	1-164-156-11	s	CERAMIC 0.1uF 25V
C142	1-164-156-11	s	CERAMIC 0.1uF 25V
C143	1-164-156-11	s	CERAMIC 0.1uF 25V
C144	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C145	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C146	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C147	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C148	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C149	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C150	1-164-156-11	s	CERAMIC 0.1uF 25V
C151	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C154	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C155	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C166	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C167	1-164-156-11	s	CERAMIC 0.1uF 25V
C169	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C170	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C171	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C172	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C200	1-164-156-11	s	CERAMIC 0.1uF 25V
C201	1-164-156-11	s	CERAMIC 0.1uF 25V
C202	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C203	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C204	1-164-156-11	s	CERAMIC 0.1uF 25V
C205	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C206	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C207	1-164-156-11	s	CERAMIC 0.1uF 25V
C208	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C209	1-164-156-11	s	CERAMIC 0.1uF 25V
C210	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C211	1-164-156-11	s	CERAMIC 0.1uF 25V
C213	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C214	1-164-156-11	s	CERAMIC 0.1uF 25V
C215	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C216	1-164-156-11	s	CERAMIC 0.1uF 25V
C217	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C218	1-164-156-11	s	CERAMIC 0.1uF 25V
C219	1-164-156-11	s	CERAMIC 0.1uF 25V
C220	1-164-156-11	s	CERAMIC 0.1uF 25V
C221	1-164-156-11	s	CERAMIC 0.1uF 25V
C222	1-164-156-11	s	CERAMIC 0.1uF 25V
C223	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C225	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C226	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C228	1-135-160-21	s	CHIP, TANTALUM 15uF 10% 16V
C229	1-162-908-11	s	CERAMIC 3PF 0.25PF 50V
C230	1-162-908-11	s	CERAMIC 3PF 0.25PF 50V
C231	1-162-908-11	s	CERAMIC 3PF 0.25PF 50V
C500	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
D1	8-719-029-63	s	DIODE RD4.3UH-T1
D2	8-719-029-63	s	DIODE RD4.3UH-T1

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Ref. No. or Q'ty	Part No.	SP	Description
D3	8-719-029-63	s	DIODE RD4.3UH-T1
D5	8-719-820-41	s	DIODE 1SS302
D6	8-719-820-41	s	DIODE 1SS302
D7	8-719-820-41	s	DIODE 1SS302
D9	8-719-820-41	s	DIODE 1SS302
D10	8-719-820-41	s	DIODE 1SS302
D11	8-719-820-41	s	DIODE 1SS302
D12	8-719-820-41	s	DIODE 1SS302
D13	8-719-820-41	s	DIODE 1SS302
D14	8-719-820-41	s	DIODE 1SS302
D15	8-719-820-41	s	DIODE 1SS302
D16	8-719-820-41	s	DIODE 1SS302
D17	8-719-820-41	s	DIODE 1SS302
D24	8-719-820-41	s	DIODE 1SS302
D25	8-719-820-41	s	DIODE 1SS302
D26	8-719-820-41	s	DIODE 1SS302
D100	8-719-820-41	s	DIODE 1SS302
D101	8-719-820-41	s	DIODE 1SS302
D102	8-719-820-41	s	DIODE 1SS302
FL1	1-239-754-11	s	FILTER, LOW PASS
FL2	1-239-753-11	s	FILTER, LOW PASS
FL3	1-233-240-21	s	FILTER, LOW PASS
FL4	1-239-753-11	s	FILTER, LOW PASS
FL5	1-233-240-21	s	FILTER, LOW PASS
FL6	1-239-754-11	s	FILTER, LOW PASS
FL7	1-239-754-11	s	FILTER, LOW PASS
FL8	1-239-754-11	s	FILTER, LOW PASS
IC1	8-759-066-68	s	IC REF-03GS
IC2	8-759-076-06	s	IC TL064CPW
IC3	8-759-632-39	s	IC M51958A-T1
IC4	8-752-360-44	s	IC CXK1203AR
IC5	8-752-360-44	s	IC CXK1203AR
IC6	8-752-360-44	s	IC CXK1203AR
IC7	8-752-363-60	s	IC CXD2307R-T4
IC8	8-759-079-46	s	IC TC74VHC00FS(EL)
IC9	8-759-058-54	s	IC TC7S00FU(TE85R)
IC10	8-759-086-42	s	IC X24C02S-3.0-C7000
IC11	8-759-058-58	s	IC TC7S04FU(TE85R)
IC12	8-759-058-62	s	IC TC7S08FU(TE85R)
IC13	8-759-237-79	s	IC TC74HC595AF(EL)
IC14	8-759-064-36	s	IC MB88346BPFV
IC15	8-759-082-61	s	IC TC4W53FU
IC16	8-759-981-48	s	IC TL082M
IC17	8-759-082-61	s	IC TC4W53FU
IC18	8-759-082-61	s	IC TC4W53FU
IC19	8-759-079-85	s	IC TC74VHC244FS(EL)
IC20	8-759-082-61	s	IC TC4W53FU
IC23	8-759-287-54	s	IC TL084CPW-E20
IC24	8-759-082-61	s	IC TC4W53FU
IC25	8-759-089-61	s	IC TC74HC4052AFS(EL)
IC26	8-759-066-59	s	IC TC74HC4053AFS
IC27	8-759-287-54	s	IC TL084CPW-E20
IC28	8-759-089-61	s	IC TC74HC4052AFS(EL)
IC29	8-759-082-61	s	IC TC4W53FU
IC34	8-759-271-86	s	IC TC7SH04FU
IC35	8-759-180-08	s	IC TC74HC4538AFS
IC36	8-759-237-79	s	IC TC74HC595AF(EL)
IC37	8-759-082-59	s	IC TC7W32FU

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Ref. No. or Q'ty	Part No.	SP	Description
IC100	8-759-058-62	s	IC TC7S08FU(TE85R)
IC101	8-759-058-58	s	IC TC7S04FU(TE85R)
IC102	8-759-082-59	s	IC TC7W32FU
IC103	8-759-058-64	s	IC TC7S32FU(TE85R)
IC104	8-759-058-54	s	IC TC7S00FU(TE85R)
IC105	8-759-058-64	s	IC TC7S32FU(TE85R)
IC106	8-759-058-62	s	IC TC7S08FU(TE85R)
IC107	8-759-196-96	s	IC TC7SH08FU-TE85R
IC108	8-759-058-54	s	IC TC7S00FU(TE85R)
IC109	8-759-058-62	s	IC TC7S08FU(TE85R)
IC110	8-759-058-58	s	IC TC7S04FU(TE85R)
JR1	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
JR2	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
JR3	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
JR4	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
L1	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L2	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L3	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L4	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L5	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L6	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L7	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L8	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L9	1-410-385-11	s	INDUCTOR, CHIP 22uH
L10	1-410-385-11	s	INDUCTOR, CHIP 22uH
L11	1-410-385-11	s	INDUCTOR, CHIP 22uH
L12	1-410-392-11	s	INDUCTOR, CHIP 82uH
L13	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L14	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L15	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L16	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L17	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L18	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L19	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L20	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L21	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L22	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L23	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L24	1-410-389-31	s	INDUCTOR CHIP 47uH
L25	1-410-385-11	s	INDUCTOR, CHIP 22uH
Q1	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q2	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q3	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q4	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q7	8-729-117-32	s	TRANSISTOR 2SC4177
Q8	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q9	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q10	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q11	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q12	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q13	8-729-122-63	s	TRANSISTOR 2SA1226
Q14	8-729-122-63	s	TRANSISTOR 2SA1226
Q15	8-729-122-63	s	TRANSISTOR 2SA1226
Q16	8-729-117-32	s	TRANSISTOR 2SC4177
Q17	8-729-122-63	s	TRANSISTOR 2SA1226
Q18	8-729-142-90	s	TRANSISTOR 2SK853-K5
Q19	8-729-403-32	s	TRANSISTOR XN6534
Q20	8-729-920-48	s	TRANSISTOR IMH2

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Ref. No. or Q'ty	Part No.	SP	Description
Q22	8-729-122-63	s	TRANSISTOR 2SA1226
Q23	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q25	8-729-117-32	s	TRANSISTOR 2SC4177
Q26	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q27	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q28	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q29	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q30	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q32	8-729-122-63	s	TRANSISTOR 2SA1226
Q33	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q34	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q43	8-729-403-32	s	TRANSISTOR XN6534
Q44	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q45	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q46	8-729-920-48	s	TRANSISTOR IMH2
Q47	8-729-117-32	s	TRANSISTOR 2SC4177
Q48	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q49	8-729-122-63	s	TRANSISTOR 2SA1226
Q50	8-729-122-63	s	TRANSISTOR 2SA1226
Q51	8-729-122-63	s	TRANSISTOR 2SA1226
Q52	8-729-117-32	s	TRANSISTOR 2SC4177
Q53	8-729-122-63	s	TRANSISTOR 2SA1226
Q54	8-729-142-90	s	TRANSISTOR 2SK853-K5
Q59	8-729-403-32	s	TRANSISTOR XN6534
Q63	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q67	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q68	8-729-122-63	s	TRANSISTOR 2SA1226
Q69	8-729-122-63	s	TRANSISTOR 2SA1226
Q70	8-729-117-32	s	TRANSISTOR 2SC4177
Q71	8-729-122-63	s	TRANSISTOR 2SA1226
Q72	8-729-142-90	s	TRANSISTOR 2SK853-K5
Q73	8-729-122-63	s	TRANSISTOR 2SA1226
Q75	8-729-403-32	s	TRANSISTOR XN6534
Q79	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q83	8-729-117-32	s	TRANSISTOR 2SC4177
Q84	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q85	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q86	8-729-122-63	s	TRANSISTOR 2SA1226
Q87	8-729-122-63	s	TRANSISTOR 2SA1226
Q88	8-729-122-63	s	TRANSISTOR 2SA1226
Q89	8-729-117-32	s	TRANSISTOR 2SC4177
Q90	8-729-122-63	s	TRANSISTOR 2SA1226
Q91	8-729-142-90	s	TRANSISTOR 2SK853-K5
Q92	8-729-122-63	s	TRANSISTOR 2SA1226
Q94	8-729-403-32	s	TRANSISTOR XN6534
Q98	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q100	8-729-403-32	s	TRANSISTOR XN6534
Q101	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q102	8-729-122-63	s	TRANSISTOR 2SA1226
Q103	8-729-403-32	s	TRANSISTOR XN6534
Q104	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q105	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q106	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q107	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q108	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q109	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q110	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q111	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q112	8-729-102-08	s	TRANSISTOR 2SC2223-F14

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Ref. No. or Q'ty	Part No.	SP	Description
Q113	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q114	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q115	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q117	8-729-122-63	s	TRANSISTOR 2SA1226
R1	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R2	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R3	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R4	1-218-677-11	s	CHIP, METAL 240 0.50% 1/16W
R5	1-218-723-11	s	METAL 20K 0.50% 1/16W
R6	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R7	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R8	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R9	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R10	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R11	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R12	1-218-729-11	s	CHIP, METAL 36K 0.50% 1/16W
R13	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R14	1-218-723-11	s	METAL 20K 0.50% 1/16W
R15	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R16	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R17	1-218-676-11	s	METAL 220 0.50% 1/16W
R18	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R19	1-218-676-11	s	METAL 220 0.50% 1/16W
R20	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R21	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R22	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R23	1-220-158-91	s	CHIP,METAL 3.6K 5% 1/16W
R24	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R25	1-216-832-11	s	METAL, CHIP 8.2K 5% 1/16W
R26	1-216-803-11	s	METAL, CHIP 33 5% 1/16W
R27	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R33	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R34	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R35	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R36	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R37	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R38	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R39	1-218-676-11	s	METAL 220 0.50% 1/16W
R40	1-218-676-11	s	METAL 220 0.50% 1/16W
R41	1-218-676-11	s	METAL 220 0.50% 1/16W
R42	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R43	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R44	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R45	1-218-883-11	s	METAL 33K 0.50% 1/16W
R46	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R47	1-218-730-11	s	CHIP, METAL 39K 0.50% 1/16W
R48	1-218-883-11	s	METAL 33K 0.50% 1/16W
R49	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R50	1-218-730-11	s	CHIP, METAL 39K 0.50% 1/16W
R51	1-218-883-11	s	METAL 33K 0.50% 1/16W
R52	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R53	1-218-730-11	s	CHIP, METAL 39K 0.50% 1/16W
R54	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R56	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R57	1-218-676-11	s	METAL 220 0.50% 1/16W
R58	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R59	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R60	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R61	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R62	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R63	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R64	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R65	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R66	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R67	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R68	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R69	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R70	1-220-158-91	s	CHIP,METAL 3.6K 5% 1/16W
R71	1-220-158-91	s	CHIP,METAL 3.6K 5% 1/16W
R72	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R73	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R74	1-218-856-11	s	CHIP, METAL 2.4K 0.50% 1/16W
R75	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R76	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R77	1-218-705-11	s	METAL 3.6K 0.50% 1/16W
R78	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R79	1-218-705-11	s	METAL 3.6K 0.50% 1/16W
R80	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R81	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R82	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R83	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R84	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R85	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R87	1-218-702-11	s	CHIP, METAL 2.7K 0.50% 1/16W
R88	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R89	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R90	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R91	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R92	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R93	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R94	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R95	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R96	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R97	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R98	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R99	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R100	1-216-830-11	s	METAL, CHIP 5.6K 5% 1/16W
R101	1-218-720-11	s	METAL 15K 0.50% 1/16W
R102	1-218-716-11	s	METAL 10K 0.50% 1/16W
R103	1-218-725-11	s	METAL 24K 0.50% 1/16W
R105	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R106	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R107	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R108	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R110	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R111	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R112	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R113	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R114	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R115	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R116	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R117	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R118	1-218-846-11	s	CHIP, METAL 910 0.50% 1/16W
R119	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R120	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R121	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R122	1-220-158-91	s	CHIP,METAL 3.6K 5% 1/16W
R123	1-220-158-91	s	CHIP,METAL 3.6K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R124	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R127	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R128	1-216-832-11	s	METAL, CHIP 8.2K 5% 1/16W
R129	1-216-830-11	s	METAL, CHIP 5.6K 5% 1/16W
R130	1-216-832-11	s	METAL, CHIP 8.2K 5% 1/16W
R131	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R135	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R136	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R137	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R142	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R145	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R146	1-218-676-11	s	METAL 220 0.50% 1/16W
R147	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R148	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R149	1-218-694-11	s	CHIP, METAL 1.2K 0.50% 1/16W
R150	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R151	1-218-702-11	s	CHIP, METAL 2.7K 0.50% 1/16W
R152	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R153	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R154	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R155	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R156	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R157	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R158	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R159	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R160	1-218-676-11	s	METAL 220 0.50% 1/16W
R161	1-220-158-91	s	CHIP,METAL 3.6K 5% 1/16W
R162	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R163	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R164	1-218-672-11	s	METAL 150 0.50% 1/16W
R165	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R166	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R167	1-218-705-11	s	METAL 3.6K 0.50% 1/16W
R168	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R169	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R170	1-218-705-11	s	METAL 3.6K 0.50% 1/16W
R171	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R172	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R173	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R174	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R175	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R177	1-218-867-11	s	CHIP, METAL 6.8K 0.50% 1/16W
R178	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R184	1-218-828-11	s	METAL 160 0.50% 1/16W
R185	1-218-648-11	s	METAL 15 0.50% 1/16W
R186	1-218-661-11	s	CHIP, METAL 51 0.50% 1/16W
R187	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R188	1-218-702-11	s	CHIP, METAL 2.7K 0.50% 1/16W
R190	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R191	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R192	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R193	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R194	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R195	1-218-702-11	s	CHIP, METAL 2.7K 0.50% 1/16W
R196	1-218-720-11	s	METAL 15K 0.50% 1/16W
R197	1-218-740-11	s	METAL 100K 0.50% 1/16W
R198	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R199	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R200	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R201	1-218-720-11	s	METAL 15K 0.50% 1/16W
R202	1-218-720-11	s	METAL 15K 0.50% 1/16W
R205	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R206	1-218-732-11	s	METAL 47K 0.50% 1/16W
R207	1-218-725-11	s	METAL 24K 0.50% 1/16W
R208	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R209	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R210	1-218-676-11	s	METAL 220 0.50% 1/16W
R211	1-220-158-91	s	CHIP,METAL 3.6K 5% 1/16W
R212	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R213	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R214	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R215	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R216	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R217	1-218-705-11	s	METAL 3.6K 0.50% 1/16W
R218	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R219	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R220	1-218-705-11	s	METAL 3.6K 0.50% 1/16W
R221	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R222	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R223	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R224	1-218-841-11	s	CHIP, METAL 560 0.50% 1/16W
R225	1-218-697-11	s	METAL 1.6K 0.50% 1/16W
R226	1-218-672-11	s	METAL 150 0.50% 1/16W
R227	1-218-864-11	s	CHIP, METAL 5.1K 0.50% 1/16W
R228	1-218-675-11	s	CHIP, METAL 200 0.50% 1/16W
R229	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R231	1-218-829-11	s	CHIP, METAL 180 0.50% 1/16W
R232	1-218-867-11	s	CHIP, METAL 6.8K 0.50% 1/16W
R233	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R234	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R235	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R236	1-218-702-11	s	CHIP, METAL 2.7K 0.50% 1/16W
R239	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R240	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R241	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R242	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R243	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R244	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R246	1-218-729-11	s	CHIP, METAL 36K 0.50% 1/16W
R247	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R248	1-218-732-11	s	METAL 47K 0.50% 1/16W
R249	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R250	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R251	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R252	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R253	1-216-830-11	s	METAL, CHIP 5.6K 5% 1/16W
R254	1-218-873-11	s	CHIP, METAL 12K 0.50% 1/16W
R255	1-218-716-11	s	METAL 10K 0.50% 1/16W
R256	1-218-725-11	s	METAL 24K 0.50% 1/16W
R257	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R258	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R259	1-218-676-11	s	METAL 220 0.50% 1/16W
R260	1-220-158-91	s	CHIP,METAL 3.6K 5% 1/16W
R261	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R262	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R263	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R264	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R265	1-218-708-11	s	METAL 4.7K 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R266	1-218-705-11	s	METAL 3.6K 0.50% 1/16W
R267	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R268	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R269	1-218-705-11	s	METAL 3.6K 0.50% 1/16W
R270	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R271	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R272	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R273	1-218-841-11	s	CHIP, METAL 560 0.50% 1/16W
R274	1-218-697-11	s	METAL 1.6K 0.50% 1/16W
R275	1-218-672-11	s	METAL 150 0.50% 1/16W
R276	1-218-864-11	s	CHIP, METAL 5.1K 0.50% 1/16W
R277	1-218-675-11	s	CHIP, METAL 200 0.50% 1/16W
R278	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R280	1-218-672-11	s	METAL 150 0.50% 1/16W
R281	1-218-867-11	s	CHIP, METAL 6.8K 0.50% 1/16W
R282	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R283	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R284	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R285	1-218-702-11	s	CHIP, METAL 2.7K 0.50% 1/16W
R288	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R289	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R290	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R293	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R294	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R295	1-218-732-11	s	METAL 47K 0.50% 1/16W
R300	1-218-868-11	s	CHIP, METAL 7.5K 0.50% 1/16W
R301	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R302	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R303	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R304	1-218-675-11	s	CHIP, METAL 200 0.50% 1/16W
R305	1-218-725-11	s	METAL 24K 0.50% 1/16W
R306	1-216-832-11	s	METAL, CHIP 8.2K 5% 1/16W
R307	1-218-868-11	s	CHIP, METAL 7.5K 0.50% 1/16W
R308	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R309	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R310	1-216-826-11	s	METAL, CHIP 2.7K 5% 1/16W
R311	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R312	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R313	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R314	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R315	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R316	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R317	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R318	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R320	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R321	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R322	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R323	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R324	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R325	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R326	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R327	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R328	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R330	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R331	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R332	1-218-883-11	s	METAL 33K 0.50% 1/16W
R333	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R334	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R335	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R336	1-218-727-11	s	METAL 30K 0.50% 1/16W
R337	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R357	1-218-680-11	s	METAL 330 0.50% 1/16W
R358	1-218-672-11	s	METAL 150 0.50% 1/16W
R361	1-218-856-11	s	CHIP, METAL 2.4K 0.50% 1/16W
R362	1-218-856-11	s	CHIP, METAL 2.4K 0.50% 1/16W
R363	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R364	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W
R365	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W
R366	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R367	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R368	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R369	1-218-829-11	s	CHIP, METAL 180 0.50% 1/16W
R370	1-218-856-11	s	CHIP, METAL 2.4K 0.50% 1/16W
R371	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R372	1-218-856-11	s	CHIP, METAL 2.4K 0.50% 1/16W
R373	1-218-856-11	s	CHIP, METAL 2.4K 0.50% 1/16W
R374	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R375	1-218-856-11	s	CHIP, METAL 2.4K 0.50% 1/16W
R376	1-218-727-11	s	METAL 30K 0.50% 1/16W
R378	1-218-664-11	s	CHIP, METAL 68 0.50% 1/16W
R379	1-218-727-11	s	METAL 30K 0.50% 1/16W
R380	1-218-655-91	s	CHIP, METAL 30 0.50% 1/16W
RB1	1-239-309-11	s	RESISTOR BLOCK, CHIP 100KX8
RB2	1-239-309-11	s	RESISTOR BLOCK, CHIP 100KX8
RB3	1-239-309-11	s	RESISTOR BLOCK, CHIP 100KX8
RB4	1-236-908-11	s	RESISTOR, NETWORK, CHIP 10k
RB5	1-236-908-11	s	RESISTOR, NETWORK, CHIP 10k
RB6	1-236-906-11	s	NETWORK RESISTOR (CHIP) 15K
RB7	1-236-906-11	s	NETWORK RESISTOR (CHIP) 15K

DM-98 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8272-580-A	o	MOUNTED CIRCUIT BOARD, DM-98
C1	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C2	1-164-156-11	s	CERAMIC 0.1uF 25V
C3	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C4	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C5	1-162-910-11	s	CERAMIC 5PF 0.25PF 50V
C6	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C7	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C8	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C9	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C10	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C11	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C12	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C13	1-164-156-11	s	CERAMIC 0.1uF 25V
C14	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C15	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C16	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C17	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C18	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C19	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C20	1-164-156-11	s	CERAMIC 0.1uF 25V
C21	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C22	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C23	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C24	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C25	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C26	1-164-156-11	s	CERAMIC 0.1uF 25V
C27	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C28	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C29	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C30	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C31	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C32	1-164-156-11	s	CERAMIC 0.1uF 25V
C33	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C34	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C35	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C36	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C37	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C38	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C39	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C40	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C41	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C42	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C43	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C44	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C45	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C46	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C47	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C48	1-135-091-91	s	CHIP, TANTALUM 1uF 20% 16V
C49	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C50	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C51	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C52	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C54	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C55	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C56	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C57	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C58	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C59	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C60	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C61	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C62	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C63	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C64	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C65	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C66	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C67	1-164-156-11	s	CERAMIC 0.1uF 25V
C68	1-164-156-11	s	CERAMIC 0.1uF 25V
C69	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C70	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C71	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C72	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C73	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C74	1-135-227-11	s	TANTAL 100uF 10% 6.3V
C75	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C76	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C77	1-135-160-21	s	CHIP, TANTALUM 15uF 10% 16V
C78	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C79	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C80	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C81	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C82	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C83	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C84	1-164-156-11	s	CERAMIC 0.1uF 25V
C85	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C90	1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V
C91	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C92	1-162-959-11	s	CERAMIC 330PF 5% 50V
C93	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C94	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C100	1-131-367-00	s	TANTALUM, 22uF 10% 20V
C101	1-131-367-00	s	TANTALUM, 22uF 10% 20V
CN1	1-568-360-21	s	CONNECTOR, BOARD TO BOARD 22P
CN2	1-766-703-11	s	CONNECTOR, COAXIAL
D1	8-719-002-81	s	DIODE 1T363
D2	8-719-002-81	s	DIODE 1T363
D3	8-719-002-81	s	DIODE 1T363
D4	8-719-002-81	s	DIODE 1T363
D5	8-719-974-76	s	DIODE HSM107S
D6	8-719-404-35	s	DIODE MA141WK
D7	8-719-404-35	s	DIODE MA141WK
D8	8-719-041-68	s	DIODE RD3.3UH-T1
D9	8-759-274-67	s	IC LM4040BIM3X-5.0
FL1	1-233-274-11	s	FILTER, BAND PASS
FL2	1-239-972-11	s	FILTER, LOW-PASS
IC1	8-759-266-17	s	IC CA3102M
IC2	8-759-266-17	s	IC CA3102M
IC3	8-752-032-63	s	IC CXA1165M
IC4	8-752-052-82	s	IC CXA1432M
IC5	8-759-300-71	s	IC MC14053BF
IC6	8-759-300-71	s	IC MC14053BF
IC7	8-759-230-14	s	IC TC4S81F(TE85R)
IC8	8-759-008-91	s	IC MC14023BF
IC9	8-759-173-16	s	IC TL062CPW
L1	1-412-026-11	s	INDUCTOR CHIP 1uH

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Ref. No. or Q'ty	Part No.	SP	Description
L2	1-412-026-11	s	INDUCTOR CHIP 1uH
L3	1-412-029-11	s	INDUCTOR CHIP 10uH
L4	1-412-029-11	s	INDUCTOR CHIP 10uH
L5	1-410-136-11	s	INDUCTOR 3.3uH
L6	1-412-026-11	s	INDUCTOR CHIP 1uH
L7	1-412-026-11	s	INDUCTOR CHIP 1uH
L8	1-412-026-11	s	INDUCTOR CHIP 1uH
L9	1-412-026-11	s	INDUCTOR CHIP 1uH
L10	1-414-142-11	s	INDUCTOR 1uH
LV1	1-409-819-21	s	COIL, VAR
LV2	1-409-817-21	s	COIL, VAR
Q1	8-729-119-28	s	TRANSISTOR 2SC2758-U18
Q2	8-729-144-07	s	TRANSISTOR 2SC4184-T43
Q3	8-729-024-58	s	TRANSISTOR 2SA1688-5
Q4	8-729-026-32	s	TRANSISTOR XP6534
Q5	8-729-026-32	s	TRANSISTOR XP6534
Q6	8-729-026-32	s	TRANSISTOR XP6534
Q7	8-729-026-32	s	TRANSISTOR XP6534
Q8	8-729-144-07	s	TRANSISTOR 2SC4184-T43
Q9	8-729-117-32	s	TRANSISTOR 2SC4177
Q10	8-729-026-32	s	TRANSISTOR XP6534
Q11	8-729-117-32	s	TRANSISTOR 2SC4177
Q12	8-729-026-31	s	TRANSISTOR XP6435
Q13	8-729-117-32	s	TRANSISTOR 2SC4177
Q14	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q15	8-729-117-32	s	TRANSISTOR 2SC4177
Q16	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q17	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q18	8-729-117-32	s	TRANSISTOR 2SC4177
Q19	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q20	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q21	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q22	8-729-117-32	s	TRANSISTOR 2SC4177
Q23	8-729-026-31	s	TRANSISTOR XP6435
Q24	8-729-144-07	s	TRANSISTOR 2SC4184-T43
Q25	8-729-024-56	s	TRANSISTOR 2SA1808
Q26	8-729-144-07	s	TRANSISTOR 2SC4184-T43
Q27	8-729-144-07	s	TRANSISTOR 2SC4184-T43
Q28	8-729-024-56	s	TRANSISTOR 2SA1808
Q29	8-729-928-81	s	TRANSISTOR DTC144EE
Q30	8-729-928-81	s	TRANSISTOR DTC144EE
Q31	8-729-117-32	s	TRANSISTOR 2SC4177
Q32	8-729-928-81	s	TRANSISTOR DTC144EE
Q33	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q34	8-729-928-81	s	TRANSISTOR DTC144EE
Q35	8-729-928-27	s	TRANSISTOR DTA144EE
Q36	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q37	8-729-928-81	s	TRANSISTOR DTC144EE
Q38	8-729-159-65	s	TRANSISTOR 2SD596-DV5
R1	1-218-716-11	s	METAL 10K 0.50% 1/16W
R2	1-218-868-11	s	CHIP, METAL 7.5K 0.50% 1/16W
R3	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R4	1-218-664-11	s	CHIP, METAL 68 0.50% 1/16W
R5	1-218-688-11	s	METAL 680 0.50% 1/16W
R6	1-218-716-11	s	METAL 10K 0.50% 1/16W
R7	1-218-716-11	s	METAL 10K 0.50% 1/16W
R8	1-211-977-11	s	CHIP, METAL 22 0.50% 1/16W
R9	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R10	1-218-660-91	s	CHIP, METAL 47 0.50% 1/16W
R11	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R12	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R13	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R14	1-218-833-11	s	CHIP, METAL 270 0.50% 1/16W
R15	1-218-660-91	s	CHIP, METAL 47 0.50% 1/16W
R16	1-218-672-11	s	METAL 150 0.50% 1/16W
R17	1-218-833-11	s	CHIP, METAL 270 0.50% 1/16W
R18	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R19	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R20	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R21	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R22	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R23	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R24	1-218-833-11	s	CHIP, METAL 270 0.50% 1/16W
R25	1-218-660-91	s	CHIP, METAL 47 0.50% 1/16W
R26	1-218-671-11	s	CHIP, METAL 130 0.50% 1/16W
R27	1-218-833-11	s	CHIP, METAL 270 0.50% 1/16W
R28	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R29	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R30	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R31	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R32	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R33	1-218-833-11	s	CHIP, METAL 270 0.50% 1/16W
R34	1-218-660-91	s	CHIP, METAL 47 0.50% 1/16W
R35	1-218-671-11	s	CHIP, METAL 130 0.50% 1/16W
R36	1-218-833-11	s	CHIP, METAL 270 0.50% 1/16W
R37	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R38	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R39	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R40	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R41	1-218-661-11	s	CHIP, METAL 51 0.50% 1/16W
R42	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R43	1-218-677-11	s	CHIP, METAL 240 0.50% 1/16W
R44	1-211-981-11	s	CHIP, METAL 33 0.50% 1/16W
R45	1-218-660-91	s	CHIP, METAL 47 0.50% 1/16W
R46	1-218-671-11	s	CHIP, METAL 130 0.50% 1/16W
R47	1-218-677-11	s	CHIP, METAL 240 0.50% 1/16W
R48	1-211-981-11	s	CHIP, METAL 33 0.50% 1/16W
R49	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R50	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R51	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R52	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R53	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R54	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R55	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R56	1-218-840-11	s	CHIP, METAL 510 0.50% 1/16W
R57	1-218-676-11	s	METAL 220 0.50% 1/16W
R58	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R59	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R60	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R61	1-218-833-11	s	CHIP, METAL 270 0.50% 1/16W
R63	1-218-833-11	s	CHIP, METAL 270 0.50% 1/16W
R64	1-211-969-11	s	CHIP, METAL 10 0.50% 1/16W
R65	1-211-969-11	s	CHIP, METAL 10 0.50% 1/16W
R66	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R67	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R68	1-218-694-11	s	CHIP, METAL 1.2K 0.50% 1/16W
R69	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W

(DM-98 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R70	1-218-845-11	s	CHIP, METAL 820 0.50% 1/16W
R71	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R72	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R73	1-218-883-11	s	METAL 33K 0.50% 1/16W
R74	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R76	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R77	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R78	1-218-867-11	s	CHIP, METAL 6.8K 0.50% 1/16W
R79	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R80	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R81	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R82	1-218-688-11	s	METAL 680 0.50% 1/16W
R83	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R84	1-218-716-11	s	METAL 10K 0.50% 1/16W
R85	1-218-722-11	s	CHIP, METAL 18K 0.50% 1/16W
R86	1-218-716-11	s	METAL 10K 0.50% 1/16W
R88	1-218-716-11	s	METAL 10K 0.50% 1/16W
R89	1-211-977-11	s	CHIP, METAL 22 0.50% 1/16W
R90	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R91	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R92	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R93	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R94	1-218-660-91	s	CHIP, METAL 47 0.50% 1/16W
R95	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R96	1-218-868-11	s	CHIP, METAL 7.5K 0.50% 1/16W
R97	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R98	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R99	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R100	1-218-732-11	s	METAL 47K 0.50% 1/16W
R101	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W
R102	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R104	1-218-845-11	s	CHIP, METAL 820 0.50% 1/16W
R105	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R106	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R107	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R108	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R109	1-218-732-11	s	METAL 47K 0.50% 1/16W
R110	1-218-732-11	s	METAL 47K 0.50% 1/16W
R111	1-218-732-11	s	METAL 47K 0.50% 1/16W
R112	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R113	1-218-695-11	s	METAL 1.3K 0.50% 1/16W
R114	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R115	1-218-867-11	s	CHIP, METAL 6.8K 0.50% 1/16W
R116	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R117	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R118	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R119	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R120	1-216-789-11	s	METAL, CHIP 2.2 5% 1/16W
R121	1-216-789-11	s	METAL, CHIP 2.2 5% 1/16W
R122	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R123	1-218-732-11	s	METAL 47K 0.50% 1/16W
R124	1-218-732-11	s	METAL 47K 0.50% 1/16W
R125	1-218-732-11	s	METAL 47K 0.50% 1/16W
R126	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R127	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R128	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R130	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R131	1-218-732-11	s	METAL 47K 0.50% 1/16W
R132	1-218-881-11	s	CHIP, METAL 27K 0.50% 1/16W

(DM-98 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R133	1-218-680-11	s	METAL 330 0.50% 1/16W
R134	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R135	1-218-716-11	s	METAL 10K 0.50% 1/16W
R136	1-218-732-11	s	METAL 47K 0.50% 1/16W
R137	1-218-732-11	s	METAL 47K 0.50% 1/16W
R138	1-218-716-11	s	METAL 10K 0.50% 1/16W
R140	1-218-732-11	s	METAL 47K 0.50% 1/16W
R141	1-218-716-11	s	METAL 10K 0.50% 1/16W
R150	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R151	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R152	1-218-873-11	s	CHIP, METAL 12K 0.50% 1/16W
R153	1-218-723-11	s	METAL 20K 0.50% 1/16W
R154	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R155	1-218-867-11	s	CHIP, METAL 6.8K 0.50% 1/16W
R156	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
RV1	1-237-034-11	s	RES, ADJ METAL 2K
RV2	1-237-033-11	s	RES, ADJ METAL 1K
S1	1-692-270-21	s	SWITCH, SLIDE

DM-99 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8272-803-A	o	MOUNTED CIRCUIT BOARD, DM-99
C1	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C2	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C3	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C4	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C5	1-162-917-11	s	CERAMIC, CHIP 15PF 5% 50V
C6	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C7	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C8	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C9	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C10	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C11	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C12	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C13	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C14	1-135-091-91	s	CHIP, TANTALUM 1uF 20% 16V
C15	1-164-160-11	s	CERAMIC, CHIP 20PF 5% 50V
C16	1-135-145-11	s	TANTALUM, CHIP 0.47uF 10% 35V
C17	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C18	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C19	1-104-911-11	s	TANTALUM, CHIP 33uF 20% 10V
C20	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C21	1-104-911-11	s	TANTALUM, CHIP 33uF 20% 10V
C22	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C23	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C24	1-104-911-11	s	TANTALUM, CHIP 33uF 20% 10V
C25	1-164-156-11	s	CERAMIC 0.1uF 25V
C26	1-164-156-11	s	CERAMIC 0.1uF 25V
C27	1-104-911-11	s	TANTALUM, CHIP 33uF 20% 10V
C28	1-164-156-11	s	CERAMIC 0.1uF 25V
C29	1-104-911-11	s	TANTALUM, CHIP 33uF 20% 10V
C30	1-164-156-11	s	CERAMIC 0.1uF 25V
C31	1-162-916-11	s	CERAMIC, CHIP 12PF 5% 50V
C33	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
CN1	1-568-354-11	o	CONNECTOR, BOARD TO BOARD 10P
CN2	1-766-703-11	s	CONNECTOR, COAXIAL
FL1	1-239-972-11	s	FILTER, LOW-PASS
IC1	8-759-281-38	s	IC M52313SP
IC2	8-752-052-82	s	IC CXA1432M
IC3	8-759-054-61	s	IC CLC505AJE
L1	1-412-026-11	s	INDUCTOR CHIP 1uH
L2	1-412-029-11	s	INDUCTOR CHIP 10uH
L3	1-412-029-11	s	INDUCTOR CHIP 10uH
L4	1-412-026-11	s	INDUCTOR CHIP 1uH
L5	1-412-029-11	s	INDUCTOR CHIP 10uH
L6	1-412-029-11	s	INDUCTOR CHIP 10uH
L7	1-412-029-11	s	INDUCTOR CHIP 10uH
LV1	1-409-820-21	s	COIL, VAR
LV2	1-409-820-21	s	COIL, VAR
Q2	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q3	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q4	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q5	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q6	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q7	8-729-117-32	s	TRANSISTOR 2SC4177
Q8	8-729-029-14	s	TRANSISTOR DTC144EUA-T106

(DM-99 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q9	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R1	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R2	1-218-883-11	s	METAL 33K 0.50% 1/16W
R3	1-218-716-11	s	METAL 10K 0.50% 1/16W
R4	1-218-732-11	s	METAL 47K 0.50% 1/16W
R5	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R6	1-218-688-11	s	METAL 680 0.50% 1/16W
R7	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R8	1-218-716-11	s	METAL 10K 0.50% 1/16W
R9	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R10	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R11	1-218-660-91	s	CHIP, METAL 47 0.50% 1/16W
R12	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R13	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R14	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R15	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R16	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R17	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R18	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R19	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R20	1-218-716-11	s	METAL 10K 0.50% 1/16W
R21	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R22	1-218-897-11	s	CHIP, METAL 120K 0.50% 1/16W
R23	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R24	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R25	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R26	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R27	1-218-873-11	s	CHIP, METAL 12K 0.50% 1/16W
R28	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R29	1-218-732-11	s	METAL 47K 0.50% 1/16W
RV1	1-237-037-11	s	RES, ADJ, METAL 20K
RV2	1-237-033-11	s	RES, ADJ METAL 1K

IF-538 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8272-811-A	o	MOUNTED CIRCUIT BOARD, IF-538
1pc	3-693-198-01	o	PANEL, PC BOARD IF-538
1pc	3-724-753-01	o	RING
6pcs	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)
C5	1-164-156-11	s	CERAMIC 0.1uF 25V
C10	1-135-160-21	s	CHIP, TANTALUM 15uF 10% 16V
C11	1-135-160-21	s	CHIP, TANTALUM 15uF 10% 16V
C12	1-164-156-11	s	CERAMIC 0.1uF 25V
C13	1-164-156-11	s	CERAMIC 0.1uF 25V
C14	1-164-156-11	s	CERAMIC 0.1uF 25V
C15	1-135-208-11	s	TANTAL 1uF 20% 10V
C16	1-135-165-11	s	TANTALUM, CHIP 33uF 10% 16V
C17	1-164-156-11	s	CERAMIC 0.1uF 25V
C20	1-135-160-21	s	CHIP, TANTALUM 15uF 10% 16V
C21	1-135-160-21	s	CHIP, TANTALUM 15uF 10% 16V
C22	1-164-156-11	s	CERAMIC 0.1uF 25V
C23	1-164-156-11	s	CERAMIC 0.1uF 25V
C24	1-135-208-11	s	TANTAL 1uF 20% 10V
C25	1-135-165-11	s	TANTALUM, CHIP 33uF 10% 16V
C26	1-164-156-11	s	CERAMIC 0.1uF 25V
C30	1-135-160-21	s	CHIP, TANTALUM 15uF 10% 16V
C31	1-135-160-21	s	CHIP, TANTALUM 15uF 10% 16V
C32	1-164-156-11	s	CERAMIC 0.1uF 25V
C33	1-164-156-11	s	CERAMIC 0.1uF 25V
C34	1-135-208-11	s	TANTAL 1uF 20% 10V
C35	1-135-165-11	s	TANTALUM, CHIP 33uF 10% 16V
C36	1-164-156-11	s	CERAMIC 0.1uF 25V
C40	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C41	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C42	1-164-156-11	s	CERAMIC 0.1uF 25V
C43	1-164-156-11	s	CERAMIC 0.1uF 25V
C44	1-135-208-11	s	TANTAL 1uF 20% 10V
C45	1-104-911-95	s	TANTALUM, CHIP 33uF 10% 10V
C46	1-164-156-11	s	CERAMIC 0.1uF 25V
C100	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C101	1-104-914-11	s	TANTAL 22uF 20% 16V
C102	1-104-914-11	s	TANTAL 22uF 20% 16V
C120	1-104-914-11	s	TANTAL 22uF 20% 16V
C121	1-104-914-11	s	TANTAL 22uF 20% 16V
C122	1-164-156-11	s	CERAMIC 0.1uF 25V
C123	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C124	1-164-156-11	s	CERAMIC 0.1uF 25V
C125	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C200	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C203	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C204	1-162-924-11	s	CERAMIC 56PF 5% 50V
C205	1-104-914-11	s	TANTAL 22uF 20% 16V
C206	1-104-910-11	s	CHIP,TANTALUM 15uF 10% 10V
C250	1-164-156-11	s	CERAMIC 0.1uF 25V
C251	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C350	1-164-156-11	s	CERAMIC 0.1uF 25V
C351	1-164-156-11	s	CERAMIC 0.1uF 25V
C352	1-104-914-11	s	TANTAL 22uF 20% 16V
C353	1-104-914-11	s	TANTAL 22uF 20% 16V
C354	1-164-156-11	s	CERAMIC 0.1uF 25V
C355	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C356	1-164-156-11	s	CERAMIC 0.1uF 25V
C357	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C380	1-164-156-11	s	CERAMIC 0.1uF 25V

(IF-538 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C382	1-104-914-11	s	TANTAL 22uF 20% 16V
C383	1-164-156-11	s	CERAMIC 0.1uF 25V
C400	1-164-156-11	s	CERAMIC 0.1uF 25V
C401	1-164-156-11	s	CERAMIC 0.1uF 25V
C450	1-164-156-11	s	CERAMIC 0.1uF 25V
C451	1-164-156-11	s	CERAMIC 0.1uF 25V
C452	1-104-914-11	s	TANTAL 22uF 20% 16V
C453	1-104-914-11	s	TANTAL 22uF 20% 16V
C454	1-164-156-11	s	CERAMIC 0.1uF 25V
C455	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C456	1-164-156-11	s	CERAMIC 0.1uF 25V
C457	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C500	1-164-156-11	s	CERAMIC 0.1uF 25V
C501	1-164-156-11	s	CERAMIC 0.1uF 25V
C502	1-164-156-11	s	CERAMIC 0.1uF 25V
C550	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C551	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C600	1-104-914-11	s	TANTAL 22uF 20% 16V
C601	1-164-156-11	s	CERAMIC 0.1uF 25V
C650	1-164-156-11	s	CERAMIC 0.1uF 25V
C651	1-164-156-11	s	CERAMIC 0.1uF 25V
C652	1-104-914-11	s	TANTAL 22uF 20% 16V
C680	1-164-156-11	s	CERAMIC 0.1uF 25V
C683	1-164-156-11	s	CERAMIC 0.1uF 25V
C685	1-164-156-11	s	CERAMIC 0.1uF 25V
C688	1-162-958-11	s	CERAMIC 270P 5% 50V
C700	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C701	1-164-156-11	s	CERAMIC 0.1uF 25V
C702	1-164-156-11	s	CERAMIC 0.1uF 25V
C703	1-164-156-11	s	CERAMIC 0.1uF 25V
C704	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C705	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C706	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C800	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C801	1-164-156-11	s	CERAMIC 0.1uF 25V
C802	1-104-914-11	s	TANTAL 22uF 20% 16V
C803	1-164-156-11	s	CERAMIC 0.1uF 25V
C804	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C805	1-164-156-11	s	CERAMIC 0.1uF 25V
C806	1-104-914-11	s	TANTAL 22uF 20% 16V
C807	1-164-156-11	s	CERAMIC 0.1uF 25V
C808	1-162-928-11	s	CERAMIC 120PF 5% 50V
C809	1-164-363-11	s	CERAMIC 560PF 5% 50V
C810	1-162-928-11	s	CERAMIC 120PF 5% 50V
C811	1-164-156-11	s	CERAMIC 0.1uF 25V
C812	1-104-910-11	s	CHIP,TANTALUM 15uF 10% 10V
C813	1-104-914-11	s	TANTAL 22uF 20% 16V
C814	1-164-363-11	s	CERAMIC 560PF 5% 50V
C820	1-164-505-11	s	CERAMIC, CHIP 2.2uF 16V
C821	1-164-156-11	s	CERAMIC 0.1uF 25V
C822	1-164-156-11	s	CERAMIC 0.1uF 25V
C823	1-104-914-11	s	TANTAL 22uF 20% 16V
C824	1-162-917-11	s	CERAMIC, CHIP 15PF 5% 50V
C825	1-162-923-11	s	CERAMIC, CHIP 47PF 5% 50V
C826	1-162-923-11	s	CERAMIC, CHIP 47PF 5% 50V
C827	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C828	1-162-928-11	s	CERAMIC 120PF 5% 50V
C829	1-164-505-11	s	CERAMIC, CHIP 2.2uF 16V
C830	1-164-156-11	s	CERAMIC 0.1uF 25V
C831	1-164-505-11	s	CERAMIC, CHIP 2.2uF 16V

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Ref. No. or Q'ty	Part No.	SP	Description
C832	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C850	1-164-156-11	s	CERAMIC 0.1uF 25V
C851	1-164-156-11	s	CERAMIC 0.1uF 25V
C852	1-104-914-11	s	TANTAL 22uF 20% 16V
C853	1-164-156-11	s	CERAMIC 0.1uF 25V
C854	1-135-209-11	s	TANTALUM, CHIP 3.3uF 20% 10V
C855	1-164-156-11	s	CERAMIC 0.1uF 25V
C856	1-162-974-11	s	CERAMIC 0.01uF 50V
C857	1-104-914-11	s	TANTAL 22uF 20% 16V
C858	1-135-210-11	s	TANTALUM 4.7uF 10% 10V
C859	1-164-156-11	s	CERAMIC 0.1uF 25V
C860	1-135-179-21	s	TANTAL 2.2uF 10% 16V
C861	1-135-210-11	s	TANTALUM 4.7uF 10% 10V
C862	1-164-156-11	s	CERAMIC 0.1uF 25V
C863	1-104-914-11	s	TANTAL 22uF 20% 16V
C864	1-104-914-11	s	TANTAL 22uF 20% 16V
C865	1-162-916-11	s	CERAMIC, CHIP 12PF 5% 50V
C866	1-162-923-11	s	CERAMIC, CHIP 47PF 5% 50V
C867	1-162-923-11	s	CERAMIC, CHIP 47PF 5% 50V
C868	1-104-914-11	s	TANTAL 22uF 20% 16V
C870	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C871	1-164-505-11	s	CERAMIC, CHIP 2.2uF 16V
C872	1-164-505-11	s	CERAMIC, CHIP 2.2uF 16V
C873	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C874	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C875	1-162-928-11	s	CERAMIC 120PF 5% 50V
C876	1-162-928-11	s	CERAMIC 120PF 5% 50V
C877	1-164-156-11	s	CERAMIC 0.1uF 25V
C878	1-164-505-11	s	CERAMIC, CHIP 2.2uF 16V
C879	1-164-505-11	s	CERAMIC, CHIP 2.2uF 16V
C880	1-164-505-11	s	CERAMIC, CHIP 2.2uF 16V
C881	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C882	1-164-156-11	s	CERAMIC 0.1uF 25V
C883	1-164-156-11	s	CERAMIC 0.1uF 25V
C884	1-104-914-11	s	TANTAL 22uF 20% 16V
C885	1-104-910-11	s	CHIP,TANTALUM 15uF 10% 10V
C900	1-164-156-11	s	CERAMIC 0.1uF 25V
C901	1-164-156-11	s	CERAMIC 0.1uF 25V
C903	1-164-156-11	s	CERAMIC 0.1uF 25V
C904	1-104-914-11	s	TANTAL 22uF 20% 16V
C905	1-164-156-11	s	CERAMIC 0.1uF 25V
C1002	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C1003	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C1004	1-104-914-11	s	TANTAL 22uF 20% 16V
C1005	1-104-910-11	s	CHIP,TANTALUM 15uF 10% 10V
C1022	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C1023	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C1024	1-104-914-11	s	TANTAL 22uF 20% 16V
C1025	1-104-910-11	s	CHIP,TANTALUM 15uF 10% 10V
C1041	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C1042	1-162-911-11	s	CERAMIC, CHIP 6PF 50V
C1043	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C1044	1-104-914-11	s	TANTAL 22uF 20% 16V
C1045	1-104-910-11	s	CHIP,TANTALUM 15uF 10% 10V
C1062	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C1063	1-164-156-11	s	CERAMIC 0.1uF 25V
C1064	1-164-156-11	s	CERAMIC 0.1uF 25V
C1067	1-135-070-00	s	TANTALUM, CHIP 0.1uF 10% 35V
C1068	1-164-156-11	s	CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C1069	1-164-156-11	s	CERAMIC 0.1uF 25V
C1070	1-104-914-11	s	TANTAL 22uF 20% 16V
C1071	1-104-910-11	s	CHIP,TANTALUM 15uF 10% 10V
C1072	1-164-156-11	s	CERAMIC 0.1uF 25V
D10	8-719-029-63	s	DIODE RD4.3UH-T1
D20	8-719-029-63	s	DIODE RD4.3UH-T1
D30	8-719-029-63	s	DIODE RD4.3UH-T1
D40	8-719-029-57	s	DIODE RD2.4UH-T1
D100	8-719-820-41	s	DIODE 1SS302
D200	8-719-948-47	s	DIODE HSM88AS
D820	8-719-820-41	s	DIODE 1SS302
D870	8-719-820-41	s	DIODE 1SS302
D871	8-719-820-41	s	DIODE 1SS302
D872	8-719-820-41	s	DIODE 1SS302
D1062	8-719-820-41	s	DIODE 1SS302
IC10	8-759-076-06	s	IC TL064CPW
IC120	8-759-054-61	s	IC CLC505AJE
IC350	8-759-082-61	s	IC TC4W53FU
IC351	8-759-054-61	s	IC CLC505AJE
IC380	8-759-254-49	s	IC EL4581CS-TE2
IC400	8-759-089-61	s	IC TC74HC4052AFS(EL)
IC450	8-759-066-59	s	IC TC74HC4053AFS
IC451	8-759-054-61	s	IC CLC505AJE
IC500	8-759-082-58	s	IC TC7W08FU
IC501	8-759-058-64	s	IC TC7S32FU(TE85R)
IC502	8-759-058-54	s	IC TC7S00FU(TE85R)
IC550	8-759-079-52	s	IC TC74VHC08FS(EL)
IC600	8-759-058-62	s	IC TC7S08FU(TE85R)
IC601	8-759-082-55	s	IC TC7W00FU
IC602	8-759-237-79	s	IC TC74HC595AF(EL)
IC603	8-759-086-42	s	IC X24C02S-3.0-C7000
IC651	8-759-058-64	s	IC TC7S32FU(TE85R)
IC652	8-759-079-61	s	IC TC74VHC74FS(EL)
IC654	8-759-276-00	s	IC TC7W139FU(TE12R)
IC660	8-759-058-64	s	IC TC7S32FU(TE85R)
IC661	8-759-058-62	s	IC TC7S08FU
IC662	8-759-058-64	s	IC TC7S32FU(TE85R)
IC680	8-759-058-58	s	IC TC7S04FU(TE85R)
IC700	8-759-988-13	s	IC LM393PS
IC701	8-759-195-81	s	IC TC7S86FU
IC800	8-759-254-49	s	IC EL4581CS-TE2
IC801	8-759-254-49	s	IC EL4581CS-TE2
IC802	8-759-180-08	s	IC TC74HC4538AFS
IC803	8-759-050-06	s	IC SN74HC157APW
IC820	8-759-082-61	s	IC TC4W53FU
IC821	8-759-180-08	s	IC TC74HC4538AFS
IC850	8-759-271-16	s	IC MN8232A
IC851	8-759-271-15	s	IC HM53461JP-12
IC852	8-759-271-17	s	IC MN6790S
IC870	8-759-180-08	s	IC TC74HC4538AFS
IC871	8-759-058-54	s	IC TC7S00FU(TE85R)
IC872	8-759-089-61	s	IC TC74HC4052AFS(EL)
IC873	8-759-242-78	s	IC TC7W02F
IC874	8-759-058-55	s	IC TC7S02FU-TE85L
IC900	8-759-079-61	s	IC TC74VHC74FS(EL)
IC901	8-759-079-61	s	IC TC74VHC74FS(EL)
IC902	8-759-079-61	s	IC TC74VHC74FS(EL)
IC903	8-759-079-46	s	IC TC74VHC00FS(EL)

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Ref. No. or Q'ty	Part No.	SP	Description
IC904	8-759-082-55	s	IC TC7W00FU
IC1060	8-759-082-61	s	IC TC4W53FU
IC1061	8-759-981-48	s	IC TL082M
IC1062	8-759-082-61	s	IC TC4W53FU
IC1063	8-759-082-58	s	IC TC7W08FU
L10	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L20	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L30	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L40	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L140	1-412-026-11	s	INDUCTOR CHIP 1uH
L141	1-412-026-11	s	INDUCTOR CHIP 1uH
L351	1-412-026-11	s	INDUCTOR CHIP 1uH
L352	1-412-026-11	s	INDUCTOR CHIP 1uH
L353	1-412-026-11	s	INDUCTOR CHIP 1uH
L381	1-412-026-11	s	INDUCTOR CHIP 1uH
L382	1-412-029-11	s	INDUCTOR CHIP 10uH
L450	1-412-026-11	s	INDUCTOR CHIP 1uH
L451	1-412-026-11	s	INDUCTOR CHIP 1uH
L452	1-412-026-11	s	INDUCTOR CHIP 1uH
L550	1-412-026-11	s	INDUCTOR CHIP 1uH
L551	1-412-026-11	s	INDUCTOR CHIP 1uH
L700	1-412-026-11	s	INDUCTOR CHIP 1uH
L800	1-412-029-11	s	INDUCTOR CHIP 10uH
L820	1-410-388-31	s	INDUCTOR CHIP 39uH
L850	1-412-026-11	s	INDUCTOR CHIP 1uH
L851	1-412-029-11	s	INDUCTOR CHIP 10uH
L852	1-412-029-11	s	INDUCTOR CHIP 10uH
L853	1-410-385-11	s	INDUCTOR, CHIP 22uH
L870	1-412-026-11	s	INDUCTOR CHIP 1uH
L871	1-412-026-11	s	INDUCTOR CHIP 1uH
L872	1-412-026-11	s	INDUCTOR CHIP 1uH
L900	1-412-026-11	s	INDUCTOR CHIP 1uH
L1060	1-412-026-11	s	INDUCTOR CHIP 1uH
L1061	1-412-026-11	s	INDUCTOR CHIP 1uH
L1062	1-412-026-11	s	INDUCTOR CHIP 1uH
Q10	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q20	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q30	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q40	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q100	8-729-122-63	s	TRANSISTOR 2SA1226
Q101	8-729-122-63	s	TRANSISTOR 2SA1226
Q102	8-729-122-63	s	TRANSISTOR 2SA1226
Q200	8-729-117-32	s	TRANSISTOR 2SC4177
Q201	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q203	8-729-117-32	s	TRANSISTOR 2SC4177
Q250	8-729-920-48	s	TRANSISTOR IMH2
Q251	8-729-920-48	s	TRANSISTOR IMH2
Q252	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q300	8-729-117-32	s	TRANSISTOR 2SC4177
Q301	8-729-117-32	s	TRANSISTOR 2SC4177
Q302	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q350	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q351	8-729-117-32	s	TRANSISTOR 2SC4177
Q380	8-729-117-32	s	TRANSISTOR 2SC4177
Q400	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q401	8-729-117-32	s	TRANSISTOR 2SC4177
Q402	8-729-117-16	s	TRANSISTOR 2SA1611-M6

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Ref. No. or Q'ty	Part No.	SP	Description
Q403	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q450	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q451	8-729-117-32	s	TRANSISTOR 2SC4177
Q550	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q551	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q650	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q680	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q681	8-729-117-32	s	TRANSISTOR 2SC4177
Q700	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q701	8-729-800-37	s	TRANSISTOR 2SD1048-X7
Q702	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q800	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q801	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q818	8-729-117-32	s	TRANSISTOR 2SC4177
Q819	8-729-117-32	s	TRANSISTOR 2SC4177
Q820	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q821	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q822	8-729-117-32	s	TRANSISTOR 2SC4177
Q823	8-729-026-32	s	TRANSISTOR XP6534
Q824	8-729-026-31	s	TRANSISTOR XP6435
Q825	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q826	8-729-026-32	s	TRANSISTOR XP6534
Q827	8-729-117-32	s	TRANSISTOR 2SC4177
Q828	8-729-117-32	s	TRANSISTOR 2SC4177
Q870	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q871	8-729-427-83	s	TRANSISTOR XP6501
Q872	8-729-427-83	s	TRANSISTOR XP6501
Q873	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q874	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q875	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q876	8-729-117-32	s	TRANSISTOR 2SC4177
Q1000	8-729-026-32	s	TRANSISTOR XP6534
Q1001	8-729-122-63	s	TRANSISTOR 2SA1226
Q1002	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q1020	8-729-026-32	s	TRANSISTOR XP6534
Q1021	8-729-122-63	s	TRANSISTOR 2SA1226
Q1022	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q1040	8-729-026-32	s	TRANSISTOR XP6534
Q1041	8-729-122-63	s	TRANSISTOR 2SA1226
Q1042	8-729-102-08	s	TRANSISTOR 2SC2223-F14
Q1043	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q1062	8-729-117-32	s	TRANSISTOR 2SC4177
R10	1-218-748-11	s	CHIP, METAL 220K 0.50% 1/16W
R11	1-218-748-11	s	CHIP, METAL 220K 0.50% 1/16W
R12	1-218-716-11	s	METAL 10K 0.50% 1/16W
R13	1-218-677-11	s	CHIP, METAL 240 0.50% 1/16W
R14	1-218-723-11	s	METAL 20K 0.50% 1/16W
R15	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R20	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R21	1-218-729-11	s	CHIP, METAL 36K 0.50% 1/16W
R22	1-218-723-11	s	METAL 20K 0.50% 1/16W
R23	1-218-856-11	s	CHIP, METAL 2.4K 0.50% 1/16W
R30	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R31	1-218-723-11	s	METAL 20K 0.50% 1/16W
R32	1-218-723-11	s	METAL 20K 0.50% 1/16W
R41	1-218-729-11	s	CHIP, METAL 36K 0.50% 1/16W
R42	1-218-723-11	s	METAL 20K 0.50% 1/16W
R100	1-218-856-11	s	CHIP, METAL 2.4K 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R101	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R102	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R103	1-218-840-11	s	CHIP, METAL 510 0.50% 1/16W
R104	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R105	1-218-840-11	s	CHIP, METAL 510 0.50% 1/16W
R120	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R121	1-218-655-91	s	CHIP, METAL 30 0.50% 1/16W
R122	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R123	1-218-680-11	s	METAL 330 0.50% 1/16W
R124	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R125	1-218-883-11	s	METAL 33K 0.50% 1/16W
R126	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R146	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R200	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R201	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R202	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R203	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R204	1-218-883-11	s	METAL 33K 0.50% 1/16W
R205	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R207	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R209	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R250	1-218-716-11	s	METAL 10K 0.50% 1/16W
R251	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R252	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R300	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R301	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R302	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R303	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R304	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R305	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R307	1-218-716-11	s	METAL 10K 0.50% 1/16W
R308	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R309	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R315	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R350	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R351	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R352	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R353	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R354	1-218-702-11	s	CHIP, METAL 2.7K 0.50% 1/16W
R355	1-218-680-11	s	METAL 330 0.50% 1/16W
R356	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R357	1-218-883-11	s	METAL 33K 0.50% 1/16W
R358	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R359	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R380	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R381	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R382	1-218-864-11	s	CHIP, METAL 5.1K 0.50% 1/16W
R383	1-216-855-11	s	METAL, CHIP 680K 5% 1/16W
R400	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R401	1-218-676-11	s	METAL 220 0.50% 1/16W
R402	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R403	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R410	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R411	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R450	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R451	1-218-695-11	s	METAL 1.3K 0.50% 1/16W
R452	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R453	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R454	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R455	1-218-680-11	s	METAL 330 0.50% 1/16W
R456	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R457	1-218-883-11	s	METAL 33K 0.50% 1/16W
R458	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R461	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R520	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R521	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R522	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R523	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R550	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R551	1-218-833-11	s	CHIP, METAL 270 0.50% 1/16W
R552	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R553	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R554	1-218-833-11	s	CHIP, METAL 270 0.50% 1/16W
R555	1-218-697-11	s	METAL 1.6K 0.50% 1/16W
R570	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R571	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R572	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R573	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R600	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R601	1-218-748-11	s	CHIP, METAL 220K 0.50% 1/16W
R602	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R603	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R604	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R605	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R620	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R621	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R650	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R651	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R680	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R681	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R682	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R683	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R684	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R685	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R686	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R687	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R688	1-211-969-11	s	CHIP, METAL 10 0.50% 1/16W
R700	1-218-732-11	s	METAL 47K 0.50% 1/16W
R701	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R702	1-218-720-11	s	METAL 15K 0.50% 1/16W
R703	1-218-720-11	s	METAL 15K 0.50% 1/16W
R704	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R705	1-218-725-11	s	METAL 24K 0.50% 1/16W
R706	1-218-727-11	s	METAL 30K 0.50% 1/16W
R707	1-218-716-11	s	METAL 10K 0.50% 1/16W
R708	1-218-732-11	s	METAL 47K 0.50% 1/16W
R709	1-218-732-11	s	METAL 47K 0.50% 1/16W
R710	1-218-716-11	s	METAL 10K 0.50% 1/16W
R711	1-218-883-11	s	METAL 33K 0.50% 1/16W
R712	1-216-838-11	s	METAL, CHIP 27K 5% 1/16W
R713	1-216-029-00	s	METAL, CHIP 150 5% 1/10W
R714	1-216-029-00	s	METAL, CHIP 150 5% 1/10W
R715	1-216-029-00	s	METAL, CHIP 150 5% 1/10W
R716	1-216-029-00	s	METAL, CHIP 150 5% 1/10W
R717	1-216-029-00	s	METAL, CHIP 150 5% 1/10W
R718	1-216-029-00	s	METAL, CHIP 150 5% 1/10W
R719	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R720	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R800	1-216-836-11	s	METAL, CHIP 18K 5% 1/16W
R801	1-218-716-11	s	METAL 10K 0.50% 1/16W
R802	1-216-855-11	s	METAL, CHIP 680K 5% 1/16W
R803	1-216-836-11	s	METAL, CHIP 18K 5% 1/16W
R804	1-218-716-11	s	METAL 10K 0.50% 1/16W
R805	1-216-855-11	s	METAL, CHIP 680K 5% 1/16W
R806	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R807	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R808	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R818	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R819	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R820	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R821	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R822	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R824	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R825	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R826	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R827	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R828	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R829	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R830	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R831	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R832	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R833	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R834	1-218-868-11	s	CHIP, METAL 7.5K 0.50% 1/16W
R835	1-218-702-11	s	CHIP, METAL 2.7K 0.50% 1/16W
R836	1-218-702-11	s	CHIP, METAL 2.7K 0.50% 1/16W
R837	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R838	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R839	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R840	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R841	1-218-721-11	s	METAL 16K 0.50% 1/16W
R842	1-218-886-11	s	CHIP, METAL 43K 0.50% 1/16W
R843	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R844	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R845	1-218-716-11	s	METAL 10K 0.50% 1/16W
R846	1-218-716-11	s	METAL 10K 0.50% 1/16W
R847	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R848	1-218-725-11	s	METAL 24K 0.50% 1/16W
R850	1-218-695-11	s	METAL 1.3K 0.50% 1/16W
R851	1-211-991-11	s	CHIP, METAL 82 0.50% 1/16W
R852	1-218-738-11	s	CHIP, METAL 82K 0.50% 1/16W
R853	1-218-837-11	s	CHIP, METAL 390 0.50% 1/16W
R854	1-218-676-11	s	METAL 220 0.50% 1/16W
R855	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R856	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R857	1-218-664-11	s	CHIP, METAL 68 0.50% 1/16W
R858	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R859	1-218-844-11	s	CHIP, METAL 750 0.50% 1/16W
R860	1-218-844-11	s	CHIP, METAL 750 0.50% 1/16W
R861	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R862	1-218-748-11	s	CHIP, METAL 220K 0.50% 1/16W
R870	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R871	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R872	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R873	1-216-834-11	s	METAL, CHIP 12K 5% 1/16W
R874	1-216-834-11	s	METAL, CHIP 12K 5% 1/16W
R875	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R876	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R877	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R878	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R879	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R880	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R881	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R882	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R883	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R884	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R885	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R900	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R902	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R903	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R904	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R905	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R906	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R907	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R908	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R1000	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R1001	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R1002	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R1003	1-218-671-11	s	CHIP, METAL 130 0.50% 1/16W
R1004	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R1005	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R1006	1-218-694-11	s	CHIP, METAL 1.2K 0.50% 1/16W
R1007	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R1008	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R1009	1-218-660-91	s	CHIP, METAL 47 0.50% 1/16W
R1010	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R1011	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R1014	1-211-969-11	s	CHIP, METAL 10 0.50% 1/16W
R1020	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R1021	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R1022	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R1023	1-218-650-11	s	METAL, CHIP 18 0.50% 1/16
R1024	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R1025	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R1026	1-218-694-11	s	CHIP, METAL 1.2K 0.50% 1/16W
R1027	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R1028	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R1029	1-218-660-91	s	CHIP, METAL 47 0.50% 1/16W
R1030	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R1031	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R1034	1-211-969-11	s	CHIP, METAL 10 0.50% 1/16W
R1040	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R1041	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R1042	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R1043	1-218-694-11	s	CHIP, METAL 1.2K 0.50% 1/16W
R1044	1-218-846-11	s	CHIP, METAL 910 0.50% 1/16W
R1045	1-211-992-11	s	CHIP,METAL 91 0.50% 1/16W
R1046	1-218-840-11	s	CHIP, METAL 510 0.50% 1/16W
R1047	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R1048	1-218-664-11	s	CHIP, METAL 68 0.50% 1/16W
R1049	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R1050	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R1051	1-218-660-91	s	CHIP, METAL 47 0.50% 1/16W
R1052	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R1053	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R1055	1-211-969-11	s	CHIP, METAL 10 0.50% 1/16W
R1064	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R1065	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R1066	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R1067	1-218-716-11	s	METAL 10K 0.50% 1/16W
R1068	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R1071	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R1073	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R1074	1-218-716-11	s	METAL 10K 0.50% 1/16W
R1075	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R1076	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R1077	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R1078	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R1080	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R1081	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R1082	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
RV100	1-241-260-11	s	METAL, ADJ 500
S200	1-572-272-11	s	SWITCH, SLIDE
S650	1-762-118-21	s	SWITCH, TOGGLE

LE-130 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8272-819-A	o	MOUNTED CIRCUIT BOARD, LE-130
C1	1-104-919-11	s	TANTALUM, CHIP 10uF 20% 25V
C2	1-104-919-11	s	TANTALUM, CHIP 10uF 20% 25V
C3	1-104-848-11	s	TANTALUM, CHIP 100uF 20% 4V
C4	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C5	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C6	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
CN41	1-506-482-11	o	PIN, CONNECTOR 3P
D1	8-719-042-86	s	DIODE LT9527U
D2	8-719-042-86	s	DIODE LT9527U
D3	8-719-042-86	s	DIODE LT9527U
D4	8-719-042-86	s	DIODE LT9527U
D5	8-719-042-86	s	DIODE LT9527U
Q1	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q2	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q3	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q4	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q5	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q6	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q7	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q8	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q9	8-729-216-22	s	TRANSISTOR 2SA1162
Q10	8-729-901-01	s	TRANSISTOR DTC144EK
Q11	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
R1	1-216-621-11	s	CHIP, METAL 56 0.50% 1/10W
R2	1-216-621-11	s	CHIP, METAL 56 0.50% 1/10W
R3	1-216-621-11	s	CHIP, METAL 56 0.50% 1/10W
R4	1-216-621-11	s	CHIP, METAL 56 0.50% 1/10W
R5	1-216-621-11	s	CHIP, METAL 56 0.50% 1/10W
R6	1-216-621-11	s	CHIP, METAL 56 0.50% 1/10W
R7	1-216-621-11	s	CHIP, METAL 56 0.50% 1/10W
R8	1-216-621-11	s	CHIP, METAL 56 0.50% 1/10W
R9	1-216-621-11	s	CHIP, METAL 56 0.50% 1/10W
R10	1-216-621-11	s	CHIP, METAL 56 0.50% 1/10W
R11	1-216-298-00	s	CHIP, METAL 2.2 5% 1/10W
R12	1-216-298-00	s	CHIP, METAL 2.2 5% 1/10W
R13	1-208-800-11	s	CHIP, METAL 5.6K 0.50% 1/10W
R14	1-208-806-11	s	CHIP, METAL 10K 0.50% 1/10W
R15	1-216-665-11	s	METAL, CHIP 3.9K 0.5% 1/10W
R16	1-208-806-11	s	CHIP, METAL 10K 0.50% 1/10W
R17	1-208-806-11	s	CHIP, METAL 10K 0.50% 1/10W

LF-31 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	⚠ A-8314-059-A	s	MOUNTED CIRCUIT BOARD, LF-31

MB-637 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8272-809-A	o	MOUNTED CIRCUIT BOARD, MB-637
4pcs	2-280-622-01	o	SUPPORT (M3), HEXAGON
4pcs	7-682-545-04	s	SCREW +B 3X4
27pcs	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)
C5	1-164-156-11	s	CERAMIC 0.1uF 25V
C6	1-164-156-11	s	CERAMIC 0.1uF 25V
C7	1-164-156-11	s	CERAMIC 0.1uF 25V
C8	1-164-156-11	s	CERAMIC 0.1uF 25V
C9	1-164-156-11	s	CERAMIC 0.1uF 25V
C10	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C11	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C12	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C13	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C14	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C15	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C16	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C17	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C18	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C19	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C20	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C21	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C22	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C23	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C24	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C25	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C26	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C27	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C28	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C29	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C30	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C31	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C32	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C33	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C34	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C35	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C36	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C37	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C38	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C39	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C40	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C41	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C43	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C45	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C47	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C48	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C49	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C51	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C52	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C53	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C54	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C55	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C56	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C57	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C58	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C59	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C60	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C61	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C62	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C63	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V

(MB-637 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C64	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C65	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C66	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C67	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C68	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C69	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C70	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C71	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C72	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C73	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C74	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C75	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C76	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C77	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C78	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C79	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C80	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C81	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C82	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C83	1-164-156-11	s	CERAMIC 0.1uF 25V
C84	1-164-156-11	s	CERAMIC 0.1uF 25V
C100	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C101	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C102	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C103	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C104	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C105	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C106	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C107	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
CN11	1-569-629-11	s	HOUSING, 24P
CN12	1-770-580-11	o	SOCKET, CONNECTOR(PCB-PCB) 26P
CN13	1-764-078-11	s	PIN, CONNECTOR (PC BOARD) 3P
CN14	1-764-080-21	s	PIN, CONNECTOR (PC BOARD) 8P
CN15	1-774-260-11	o	CONNECTOR, FFC (ZIF) 20P
CN16	1-774-261-21	o	CONNECTOR, FFC (ZIF) 24P
CN17	1-750-935-21	o	PIN, CONNECTOR 30P
CN18	1-750-935-21	o	PIN, CONNECTOR 30P
CN19	1-750-933-21	o	PIN, CONNECTOR 12P
CN20	1-750-935-21	o	PIN, CONNECTOR 30P
CN21	1-750-935-21	o	PIN, CONNECTOR 30P
CN22	1-750-934-21	o	PIN, CONNECTOR 20P
CN23	1-750-933-21	o	PIN, CONNECTOR 12P
CN24	1-750-935-21	o	PIN, CONNECTOR 30P
CN25	1-750-934-21	o	PIN, CONNECTOR 20P
CN26	1-766-703-11	s	CONNECTOR, COAXIAL
CN27	1-766-703-11	s	CONNECTOR, COAXIAL
CN28	1-766-703-11	s	CONNECTOR, COAXIAL
CN29	1-750-933-21	o	PIN, CONNECTOR 12P
CN30	1-750-934-21	o	PIN, CONNECTOR 20P
CN31	1-750-935-21	o	PIN, CONNECTOR 30P
CN32	1-774-260-11	o	CONNECTOR, FFC (ZIF) 20P
CN33	1-764-079-21	s	PIN, CONNECTOR (PC BOARD) 4P
D2	8-719-404-35	s	DIODE MA141WK
D3	8-719-404-35	s	DIODE MA141WK
IC5	8-759-086-42	s	IC X24C02S-3.0-C7000
IC6	8-759-175-04	s	IC PCF8574T-T
IC7	8-759-175-04	s	IC PCF8574T-T
IC8	8-759-175-04	s	IC PCF8574T-T

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Ref. No. or Q'ty	Part No.	SP	Description
IC9	8-759-175-04	s	IC PCF8574T-T
IC10	8-759-175-04	s	IC PCF8574T-T
IC11	8-759-175-04	s	IC PCF8574T-T
IC50	8-759-209-69	s	IC TC4S11F
JC1	1-216-295-11	s	CHIP, CONDUCTOR 0
JC2	1-216-295-11	s	CHIP, CONDUCTOR 0
Q1	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q2	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q3	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
R1	1-216-830-11	s	METAL, CHIP 5.6K 5% 1/16W
R2	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R3	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R4	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R5	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R6	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R7	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R8	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R9	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R10	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R14	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R15	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R16	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R20	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R21	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R22	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R23	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R24	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R25	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R26	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R27	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R28	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R29	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R30	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R31	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R32	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R33	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R34	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R35	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R36	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R40	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R41	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R101	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R102	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R103	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R104	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R105	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
RB10	1-239-416-11	s	RESISTOR BLOCK, CHIP 220X4
RB11	1-239-416-11	s	RESISTOR BLOCK, CHIP 220X4
RB12	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB13	1-236-904-11	s	RESISTOR BLOCK, CHIP 1KX4
RB14	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB15	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB16	1-236-904-11	s	RESISTOR BLOCK, CHIP 1KX4
RB17	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB18	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB19	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB20	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4

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Ref. No. or Q'ty	Part No.	SP	Description
RB21	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB22	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4

MD-103 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8272-582-A	o	MOUNTED CIRCUIT BOARD, MD-103
1pc	3-692-161-02	o	PANEL,MD-103 PC BOARD
1pc	3-724-753-01	o	RING
6pcs	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)
C1	1-162-906-11	s	CHIP, CERAMIC 1.5PF 0.25PF 50V
C2	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C3	1-162-974-11	s	CERAMIC 0.01uF 50V
C4	1-164-156-11	s	CERAMIC 0.1uF 25V
C5	1-164-156-11	s	CERAMIC 0.1uF 25V
C6	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C7	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C8	1-104-911-11	s	TANTALUM, CHIP 33uF 20% 10V
C9	1-104-911-11	s	TANTALUM, CHIP 33uF 20% 10V
C10	1-162-920-11	s	CERAMIC, CHIP 27PF 5% 50V
C11	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C12	1-164-156-11	s	CERAMIC 0.1uF 25V
C13	1-164-156-11	s	CERAMIC 0.1uF 25V
C14	1-164-156-11	s	CERAMIC 0.1uF 25V
C16	1-164-156-11	s	CERAMIC 0.1uF 25V
C17	1-164-156-11	s	CERAMIC 0.1uF 25V
C18	1-164-156-11	s	CERAMIC 0.1uF 25V
C19	1-164-156-11	s	CERAMIC 0.1uF 25V
C20	1-164-156-11	s	CERAMIC 0.1uF 25V
C21	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C22	1-164-156-11	s	CERAMIC 0.1uF 25V
C23	1-164-156-11	s	CERAMIC 0.1uF 25V
C24	1-164-156-11	s	CERAMIC 0.1uF 25V
C26	1-164-156-11	s	CERAMIC 0.1uF 25V
C27	1-164-156-11	s	CERAMIC 0.1uF 25V
C28	1-164-156-11	s	CERAMIC 0.1uF 25V
C29	1-164-156-11	s	CERAMIC 0.1uF 25V
C30	1-164-156-11	s	CERAMIC 0.1uF 25V
C31	1-164-156-11	s	CERAMIC 0.1uF 25V
C32	1-164-156-11	s	CERAMIC 0.1uF 25V
C33	1-164-156-11	s	CERAMIC 0.1uF 25V
C34	1-164-156-11	s	CERAMIC 0.1uF 25V
C35	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C36	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C37	1-164-156-11	s	CERAMIC 0.1uF 25V
C38	1-164-156-11	s	CERAMIC 0.1uF 25V
C39	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C40	1-164-156-11	s	CERAMIC 0.1uF 25V
C41	1-164-156-11	s	CERAMIC 0.1uF 25V
C42	1-164-156-11	s	CERAMIC 0.1uF 25V
C43	1-164-156-11	s	CERAMIC 0.1uF 25V
C44	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C45	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C46	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C47	1-162-974-11	s	CERAMIC 0.01uF 50V
C48	1-164-156-11	s	CERAMIC 0.1uF 25V
C49	1-164-156-11	s	CERAMIC 0.1uF 25V
C50	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C51	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C52	1-104-911-11	s	TANTALUM, CHIP 33uF 20% 10V
C53	1-104-911-11	s	TANTALUM, CHIP 33uF 20% 10V
C54	1-162-923-11	s	CERAMIC, CHIP 47PF 5% 50V
C55	1-104-847-11	s	TANTALUM, CHIP 22uF 20% 4V
C56	1-164-156-11	s	CERAMIC 0.1uF 25V
C57	1-164-156-11	s	CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C58	1-164-156-11	s	CERAMIC 0.1uF 25V
C59	1-162-917-11	s	CERAMIC, CHIP 15PF 5% 50V
C60	1-164-156-11	s	CERAMIC 0.1uF 25V
C61	1-164-156-11	s	CERAMIC 0.1uF 25V
C62	1-164-156-11	s	CERAMIC 0.1uF 25V
C63	1-164-156-11	s	CERAMIC 0.1uF 25V
C64	1-164-156-11	s	CERAMIC 0.1uF 25V
C65	1-164-156-11	s	CERAMIC 0.1uF 25V
C66	1-164-156-11	s	CERAMIC 0.1uF 25V
C67	1-164-156-11	s	CERAMIC 0.1uF 25V
C68	1-164-156-11	s	CERAMIC 0.1uF 25V
C70	1-164-156-11	s	CERAMIC 0.1uF 25V
C71	1-104-911-11	s	TANTALUM, CHIP 33uF 20% 10V
C72	1-104-911-11	s	TANTALUM, CHIP 33uF 20% 10V
C73	1-164-156-11	s	CERAMIC 0.1uF 25V
C74	1-164-156-11	s	CERAMIC 0.1uF 25V
C75	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C76	1-164-156-11	s	CERAMIC 0.1uF 25V
C77	1-164-156-11	s	CERAMIC 0.1uF 25V
C78	1-164-156-11	s	CERAMIC 0.1uF 25V
C79	1-164-156-11	s	CERAMIC 0.1uF 25V
C80	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C81	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C82	1-162-974-11	s	CERAMIC 0.01uF 50V
C83	1-164-156-11	s	CERAMIC 0.1uF 25V
C84	1-164-156-11	s	CERAMIC 0.1uF 25V
C85	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C86	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C87	1-104-911-11	s	TANTALUM, CHIP 33uF 20% 10V
C88	1-104-911-11	s	TANTALUM, CHIP 33uF 20% 10V
C89	1-162-923-11	s	CERAMIC, CHIP 47PF 5% 50V
C90	1-104-847-11	s	TANTALUM, CHIP 22uF 20% 4V
C91	1-164-156-11	s	CERAMIC 0.1uF 25V
C92	1-164-156-11	s	CERAMIC 0.1uF 25V
C93	1-164-156-11	s	CERAMIC 0.1uF 25V
C94	1-162-917-11	s	CERAMIC, CHIP 15PF 5% 50V
C95	1-164-156-11	s	CERAMIC 0.1uF 25V
C96	1-164-156-11	s	CERAMIC 0.1uF 25V
C97	1-164-156-11	s	CERAMIC 0.1uF 25V
C98	1-164-156-11	s	CERAMIC 0.1uF 25V
C99	1-164-156-11	s	CERAMIC 0.1uF 25V
C100	1-164-156-11	s	CERAMIC 0.1uF 25V
C101	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C102	1-162-974-11	s	CERAMIC 0.01uF 50V
C103	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C104	1-164-156-11	s	CERAMIC 0.1uF 25V
C105	1-164-156-11	s	CERAMIC 0.1uF 25V
C106	1-164-156-11	s	CERAMIC 0.1uF 25V
C107	1-164-156-11	s	CERAMIC 0.1uF 25V
C108	1-164-156-11	s	CERAMIC 0.1uF 25V
C118	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C119	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C120	1-164-156-11	s	CERAMIC 0.1uF 25V
C121	1-164-156-11	s	CERAMIC 0.1uF 25V
C122	1-164-156-11	s	CERAMIC 0.1uF 25V
C123	1-164-156-11	s	CERAMIC 0.1uF 25V
C124	1-164-156-11	s	CERAMIC 0.1uF 25V
C125	1-164-156-11	s	CERAMIC 0.1uF 25V
C126	1-164-156-11	s	CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C127	1-164-156-11	s	CERAMIC 0.1uF 25V
C128	1-164-156-11	s	CERAMIC 0.1uF 25V
C129	1-164-156-11	s	CERAMIC 0.1uF 25V
C130	1-164-156-11	s	CERAMIC 0.1uF 25V
C132	1-164-156-11	s	CERAMIC 0.1uF 25V
C133	1-164-156-11	s	CERAMIC 0.1uF 25V
C134	1-164-156-11	s	CERAMIC 0.1uF 25V
C135	1-164-156-11	s	CERAMIC 0.1uF 25V
C136	1-164-156-11	s	CERAMIC 0.1uF 25V
C139	1-162-974-11	s	CERAMIC 0.01uF 50V
C151	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C152	1-104-850-11	s	CHIP,TANTALUM 6.8uF 10% 10V
C153	1-104-850-11	s	CHIP,TANTALUM 6.8uF 10% 10V
C160	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C161	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C162	1-104-850-11	s	CHIP,TANTALUM 6.8uF 10% 10V
C163	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C164	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C165	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C167	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C168	1-162-923-11	s	CERAMIC, CHIP 47PF 5% 50V
C169	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C170	1-164-156-11	s	CERAMIC 0.1uF 25V
C171	1-135-179-21	s	TANTAL 2.2uF 10% 16V
C173	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C174	1-135-179-21	s	TANTAL 2.2uF 10% 16V
C175	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C176	1-164-156-11	s	CERAMIC 0.1uF 25V
C178	1-135-179-21	s	TANTAL 2.2uF 10% 16V
C179	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C180	1-164-156-11	s	CERAMIC 0.1uF 25V
C181	1-164-156-11	s	CERAMIC 0.1uF 25V
C182	1-164-156-11	s	CERAMIC 0.1uF 25V
C183	1-104-850-11	s	CHIP,TANTALUM 6.8uF 10% 10V
C184	1-104-850-11	s	CHIP,TANTALUM 6.8uF 10% 10V
C185	1-164-156-11	s	CERAMIC 0.1uF 25V
C186	1-164-156-11	s	CERAMIC 0.1uF 25V
C187	1-104-850-11	s	CHIP,TANTALUM 6.8uF 10% 10V
C188	1-104-850-11	s	CHIP,TANTALUM 6.8uF 10% 10V
C189	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C190	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C191	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C192	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C193	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C200	1-104-847-11	s	TANTALUM, CHIP 22uF 20% 4V
C201	1-104-847-11	s	TANTALUM, CHIP 22uF 20% 4V
C210	1-162-974-11	s	CERAMIC 0.01uF 50V
C211	1-162-974-11	s	CERAMIC 0.01uF 50V
D1	8-759-274-67	s	IC LM4040BIM3X-5.0
D3	8-719-041-68	s	DIODE RD3.3UH-T1
D4	8-719-041-68	s	DIODE RD3.3UH-T1
FL1	1-239-950-11	s	FILTER, LOW-PASS (VIDEO)
FL2	1-409-821-11	s	PHASE SHIFTER 90
FL3	1-760-442-21	s	FILTER, TRAP
FL4	1-239-951-11	s	FILTER, LOW-PASS (VIDEO)
FL5	1-409-822-11	s	PHASE SHIFTER 90
FL6	1-239-951-11	s	FILTER, LOW-PASS (VIDEO)
FL7	1-239-946-11	s	FILTER, LOW-PASS
FL8	1-239-944-11	s	FILTER, LOW-PASS
FL9	1-411-283-11	s	FILTER, TRAP

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Ref. No. or Q'ty	Part No.	SP	Description
IC1	8-759-141-60	s	IC UPA101G
IC2	8-759-141-60	s	IC UPA101G
IC3	8-759-054-61	s	IC CLC505AJE
IC4	8-759-141-60	s	IC UPA101G
IC5	8-759-054-61	s	IC CLC505AJE
IC6	8-759-141-60	s	IC UPA101G
IC12	8-759-186-39	s	IC TC74VHC74F
IC13	8-759-082-61	s	IC TC4W53FU
IC14	8-759-173-16	s	IC TL062CPW
IC16	8-759-085-67	s	IC LM339NS
IC17	8-759-180-08	s	IC TC74HC4538AFS
IC18	8-759-260-55	s	IC TLC272CPW-E05
IC19	8-759-082-61	s	IC TC4W53FU
IC20	8-759-082-61	s	IC TC4W53FU
IC21	8-759-173-16	s	IC TL062CPW
L3	1-412-029-11	s	INDUCTOR CHIP 10uH
L4	1-412-029-11	s	INDUCTOR CHIP 10uH
L5	1-412-026-11	s	INDUCTOR CHIP 1uH
L6	1-412-026-11	s	INDUCTOR CHIP 1uH
L9	1-412-029-11	s	INDUCTOR CHIP 10uH
L10	1-412-029-11	s	INDUCTOR CHIP 10uH
L11	1-412-026-11	s	INDUCTOR CHIP 1uH
L12	1-412-026-11	s	INDUCTOR CHIP 1uH
L15	1-412-029-11	s	INDUCTOR CHIP 10uH
L16	1-412-029-11	s	INDUCTOR CHIP 10uH
L20	1-412-026-11	s	INDUCTOR CHIP 1uH
L21	1-412-026-11	s	INDUCTOR CHIP 1uH
L22	1-412-026-11	s	INDUCTOR CHIP 1uH
L23	1-412-026-11	s	INDUCTOR CHIP 1uH
Q3	8-729-026-31	s	TRANSISTOR XP6435
Q4	8-729-144-07	s	TRANSISTOR 2SC4184-T43
Q5	8-729-024-56	s	TRANSISTOR 2SA1808
Q6	8-729-144-07	s	TRANSISTOR 2SC4184-T43
Q7	8-729-144-07	s	TRANSISTOR 2SC4184-T43
Q8	8-729-024-56	s	TRANSISTOR 2SA1808
Q9	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q10	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q11	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q12	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q13	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q14	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q15	8-729-117-32	s	TRANSISTOR 2SC4177
Q18	8-729-026-31	s	TRANSISTOR XP6435
Q19	8-729-144-07	s	TRANSISTOR 2SC4184-T43
Q20	8-729-024-56	s	TRANSISTOR 2SA1808
Q21	8-729-144-07	s	TRANSISTOR 2SC4184-T43
Q22	8-729-144-07	s	TRANSISTOR 2SC4184-T43
Q23	8-729-024-56	s	TRANSISTOR 2SA1808
Q24	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q25	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q26	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q27	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q28	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q29	8-729-117-32	s	TRANSISTOR 2SC4177
Q32	8-729-026-31	s	TRANSISTOR XP6435
Q33	8-729-144-07	s	TRANSISTOR 2SC4184-T43
Q34	8-729-024-56	s	TRANSISTOR 2SA1808
Q35	8-729-144-07	s	TRANSISTOR 2SC4184-T43

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Ref. No. or Q'ty	Part No.	SP	Description
Q36	8-729-144-07	s	TRANSISTOR 2SC4184-T43
Q37	8-729-024-56	s	TRANSISTOR 2SA1808
Q38	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q39	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q40	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q43	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q44	8-729-024-58	s	TRANSISTOR 2SA1688-5
Q45	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q46	8-729-024-58	s	TRANSISTOR 2SA1688-5
Q47	8-729-928-81	s	TRANSISTOR DTC144EE
Q50	8-729-026-31	s	TRANSISTOR XP6435
Q51	8-729-024-56	s	TRANSISTOR 2SA1808
Q52	8-729-144-07	s	TRANSISTOR 2SC4184-T43
Q53	8-729-144-07	s	TRANSISTOR 2SC4184-T43
Q54	8-729-144-07	s	TRANSISTOR 2SC4184-T43
Q55	8-729-024-56	s	TRANSISTOR 2SA1808
Q60	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q61	8-729-117-32	s	TRANSISTOR 2SC4177
Q62	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q63	8-729-117-32	s	TRANSISTOR 2SC4177
Q64	8-729-928-81	s	TRANSISTOR DTC144EE
Q65	8-729-101-07	s	TRANSISTOR 2SB798
Q66	8-729-928-81	s	TRANSISTOR DTC144EE
Q67	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q68	8-729-928-81	s	TRANSISTOR DTC144EE
Q69	8-729-928-27	s	TRANSISTOR DTA144EE
Q70	8-729-807-51	s	TRANSISTOR 2SD1623-S
R5	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R6	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R7	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R8	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R9	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R10	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R11	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R12	1-216-789-11	s	METAL, CHIP 2.2 5% 1/16W
R13	1-216-789-11	s	METAL, CHIP 2.2 5% 1/16W
R14	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R15	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R16	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R18	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R20	1-218-868-11	s	CHIP, METAL 7.5K 0.50% 1/16W
R21	1-218-833-11	s	CHIP, METAL 270 0.50% 1/16W
R22	1-218-679-91	s	CHIP, METAL 300 0.50% 1/16W
R23	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R24	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R25	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R26	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R27	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R28	1-218-842-11	s	CHIP, METAL 620 0.50% 1/16W
R29	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R30	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R31	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R32	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R33	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R34	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R35	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R36	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R37	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R38	1-216-838-11	s	METAL, CHIP 27K 5% 1/16W
R39	1-218-716-11	s	METAL 10K 0.50% 1/16W
R40	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R41	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R42	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R43	1-218-675-11	s	CHIP, METAL 200 0.50% 1/16W
R44	1-218-679-91	s	CHIP, METAL 300 0.50% 1/16W
R45	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R46	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R47	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R48	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R49	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R50	1-218-842-11	s	CHIP, METAL 620 0.50% 1/16W
R51	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R52	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R53	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R54	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R55	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R56	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R57	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R58	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R59	1-216-838-11	s	METAL, CHIP 27K 5% 1/16W
R60	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R61	1-216-838-11	s	METAL, CHIP 27K 5% 1/16W
R62	1-216-830-11	s	METAL, CHIP 5.6K 5% 1/16W
R63	1-216-846-11	s	METAL, CHIP 120K 5% 1/16W
R64	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R65	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R66	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R67	1-216-816-11	s	METAL, CHIP 390 5% 1/16W
R68	1-216-844-11	s	METAL, CHIP 82K 5% 1/16W
R69	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R70	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R71	1-218-840-11	s	CHIP, METAL 510 0.50% 1/16W
R75	1-218-866-11	s	CHIP, METAL 6.2K 0.50% 1/16W
R76	1-218-716-11	s	METAL 10K 0.50% 1/16W
R77	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R78	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R81	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R82	1-216-789-11	s	METAL, CHIP 2.2 5% 1/16W
R83	1-216-789-11	s	METAL, CHIP 2.2 5% 1/16W
R84	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R85	1-218-648-11	s	METAL 15 0.50% 1/16W
R86	1-218-702-11	s	CHIP, METAL 2.7K 0.50% 1/16W
R88	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R89	1-218-864-11	s	CHIP, METAL 5.1K 0.50% 1/16W
R90	1-218-679-91	s	CHIP, METAL 300 0.50% 1/16W
R91	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R92	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R93	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R94	1-216-822-11	s	METAL, CHIP 1.2K 5% 1/16W
R95	1-216-822-11	s	METAL, CHIP 1.2K 5% 1/16W
R96	1-218-695-11	s	METAL 1.3K 0.50% 1/16W
R97	1-218-836-11	s	CHIP, METAL 360 0.50% 1/16W
R98	1-218-694-11	s	CHIP, METAL 1.2K 0.50% 1/16W
R99	1-218-695-11	s	METAL 1.3K 0.50% 1/16W
R100	1-218-694-11	s	CHIP, METAL 1.2K 0.50% 1/16W
R101	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R102	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R103	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R104	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R105	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R106	1-216-838-11	s	METAL, CHIP 27K 5% 1/16W
R107	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R108	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R109	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R110	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R111	1-216-822-11	s	METAL, CHIP 1.2K 5% 1/16W
R112	1-218-836-11	s	CHIP, METAL 360 0.50% 1/16W
R113	1-216-838-11	s	METAL, CHIP 27K 5% 1/16W
R114	1-216-830-11	s	METAL, CHIP 5.6K 5% 1/16W
R115	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R116	1-218-694-11	s	CHIP, METAL 1.2K 0.50% 1/16W
R117	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R118	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R119	1-216-816-11	s	METAL, CHIP 390 5% 1/16W
R120	1-216-844-11	s	METAL, CHIP 82K 5% 1/16W
R121	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R122	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R123	1-218-840-11	s	CHIP, METAL 510 0.50% 1/16W
R127	1-218-866-11	s	CHIP, METAL 6.2K 0.50% 1/16W
R128	1-218-716-11	s	METAL 10K 0.50% 1/16W
R129	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R130	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R133	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R134	1-216-789-11	s	METAL, CHIP 2.2 5% 1/16W
R135	1-216-789-11	s	METAL, CHIP 2.2 5% 1/16W
R136	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R137	1-218-648-11	s	METAL 15 0.50% 1/16W
R138	1-218-702-11	s	CHIP, METAL 2.7K 0.50% 1/16W
R140	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R141	1-218-864-11	s	CHIP, METAL 5.1K 0.50% 1/16W
R142	1-218-679-91	s	CHIP, METAL 300 0.50% 1/16W
R143	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R144	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R145	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R146	1-216-822-11	s	METAL, CHIP 1.2K 5% 1/16W
R147	1-216-822-11	s	METAL, CHIP 1.2K 5% 1/16W
R148	1-218-695-11	s	METAL 1.3K 0.50% 1/16W
R149	1-218-836-11	s	CHIP, METAL 360 0.50% 1/16W
R150	1-218-694-11	s	CHIP, METAL 1.2K 0.50% 1/16W
R151	1-218-695-11	s	METAL 1.3K 0.50% 1/16W
R152	1-218-694-11	s	CHIP, METAL 1.2K 0.50% 1/16W
R153	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R154	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R155	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R156	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R157	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R158	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R159	1-216-838-11	s	METAL, CHIP 27K 5% 1/16W
R160	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R161	1-218-732-11	s	METAL 47K 0.50% 1/16W
R162	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R163	1-218-676-11	s	METAL 220 0.50% 1/16W
R164	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R165	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R166	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R167	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R168	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R169	1-216-801-11	s	METAL, CHIP 22 5% 1/16W
R170	1-216-801-11	s	METAL, CHIP 22 5% 1/16W
R171	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R172	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R190	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R191	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R192	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R198	1-216-824-11	s	METAL, CHIP 1.8K 5% 1/16W
R199	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R200	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R201	1-218-679-91	s	CHIP, METAL 300 0.50% 1/16W
R202	1-218-829-11	s	CHIP, METAL 180 0.50% 1/16W
R203	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R204	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R205	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R206	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R207	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R208	1-216-828-11	s	METAL, CHIP 3.9K 5% 1/16W
R209	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R210	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R211	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R225	1-211-990-11	s	CHIP, METAL 75 0.50% 1/16W
R227	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R228	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R240	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R241	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R242	1-218-722-11	s	CHIP, METAL 18K 0.50% 1/16W
R243	1-218-725-11	s	METAL 24K 0.50% 1/16W
R244	1-218-864-11	s	CHIP, METAL 5.1K 0.50% 1/16W
R245	1-218-721-11	s	METAL 16K 0.50% 1/16W
R246	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R247	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R250	1-218-870-11	s	CHIP, METAL 9.1K 0.50% 1/16W
R251	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R252	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R253	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R254	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R255	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R256	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R257	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R258	1-216-836-11	s	METAL, CHIP 18K 5% 1/16W
R259	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R260	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R261	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R262	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R263	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R264	1-218-873-11	s	CHIP, METAL 12K 0.50% 1/16W
R265	1-218-727-11	s	METAL 30K 0.50% 1/16W
R266	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R267	1-218-694-11	s	CHIP, METAL 1.2K 0.50% 1/16W
R268	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R269	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R270	1-218-725-11	s	METAL 24K 0.50% 1/16W
R271	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R272	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R273	1-218-720-11	s	METAL 15K 0.50% 1/16W
R274	1-218-838-11	s	CHIP, METAL 430 0.50% 1/16W
R275	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W

(MD-103 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R276	1-218-694-11	s	CHIP, METAL 1.2K 0.50% 1/16W
R277	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R278	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R279	1-218-840-11	s	CHIP, METAL 510 0.50% 1/16W
R280	1-218-675-11	s	CHIP, METAL 200 0.50% 1/16W
R281	1-218-840-11	s	CHIP, METAL 510 0.50% 1/16W
R282	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R283	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R284	1-218-840-11	s	CHIP, METAL 510 0.50% 1/16W
R285	1-218-675-11	s	CHIP, METAL 200 0.50% 1/16W
R286	1-218-840-11	s	CHIP, METAL 510 0.50% 1/16W
R287	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R288	1-216-789-11	s	METAL, CHIP 2.2 5% 1/16W
R289	1-216-789-11	s	METAL, CHIP 2.2 5% 1/16W
R290	1-216-789-11	s	METAL, CHIP 2.2 5% 1/16W
R291	1-216-789-11	s	METAL, CHIP 2.2 5% 1/16W
R292	1-216-789-11	s	METAL, CHIP 2.2 5% 1/16W
R293	1-218-840-11	s	CHIP, METAL 510 0.50% 1/16W
R294	1-218-840-11	s	CHIP, METAL 510 0.50% 1/16W
R300	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R301	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R302	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R303	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
RV1	1-237-031-11	s	RES, ADJ METAL 200
RV2	1-237-036-11	s	RES, ADJ METAL 10K
RV3	1-237-036-11	s	RES, ADJ METAL 10K
RV4	1-237-036-11	s	RES, ADJ METAL 10K
RV5	1-237-033-11	s	RES, ADJ METAL 1K
RV7	1-237-030-11	s	RES, ADJ METAL 100
RV8	1-237-036-11	s	RES, ADJ METAL 10K
RV9	1-237-033-11	s	RES, ADJ METAL 1K
RV11	1-237-030-11	s	RES, ADJ METAL 100
RV12	1-237-036-11	s	RES, ADJ METAL 10K
RV13	1-237-035-11	s	RES, ADJ METAL 5K
S3	1-692-531-11	s	SWITCH, TOGGLE
X1	1-760-438-11	s	CRYSTAL 45.00MHz

PR-211 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8272-557-A	o	MOUNTED CIRCUIT BOARD, PR-211

PS-392 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8272-805-A	o	MOUNTED CIRCUIT BOARD, PS-392
C1	1-136-189-00	s	FILM 0.1uF 5% 250V
C2	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C3	1-135-138-11	s	TANTALUM, CHIP 10uF 20% 25V
C4	1-135-138-11	s	TANTALUM, CHIP 10uF 20% 25V
C5	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C6	1-128-078-11	s	ELECT 33uF 20% 10V
C7	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C8	1-128-078-11	s	ELECT 33uF 20% 10V
C9	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C10	1-128-078-11	s	ELECT 33uF 20% 10V
C51	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C52	1-128-078-11	s	ELECT 33uF 20% 10V
C61	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C62	1-128-078-11	s	ELECT 33uF 20% 10V
C71	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C72	1-128-078-11	s	ELECT 33uF 20% 10V
CN1	1-564-216-00	o	CONNECTOR 5P, MALE
CN2	1-564-216-00	o	CONNECTOR 5P, MALE
CN3	1-564-215-11	o	PIN, CONNECTOR 4P
CN4	1-566-693-11	o	PIN, CONNECTOR 2P
CN5	1-566-693-11	o	PIN, CONNECTOR 2P
CN6	1-566-693-11	o	PIN, CONNECTOR 2P
CN7	1-566-693-11	o	PIN, CONNECTOR 2P
CN8	1-566-693-11	o	PIN, CONNECTOR 2P
CN11	1-564-104-00	o	PIN, CONNECTOR (B3P-VH) 3P
CN12	1-580-544-11	s	PIN, CONNECTOR 30P
CN21	1-564-104-00	o	PIN, CONNECTOR (B3P-VH) 3P
CN22	1-580-544-11	s	PIN, CONNECTOR 30P
CN24	1-580-570-11	o	PIN, CONNECTOR (PC BOARD) 30P
CN31	1-580-570-11	o	PIN, CONNECTOR (PC BOARD) 30P
D1	8-719-900-95	s	DIODE V09G
D2	8-719-024-81	s	DIODE 1SS300-TE85L
D3	8-719-157-69	s	DIODE RD20M-B
D4	8-719-157-54	s	DIODE RD12M-B
D5	8-719-024-81	s	DIODE 1SS300-TE85L
D6	8-719-820-59	s	DIODE 1S1588
D7	8-719-157-54	s	DIODE RD12M-B
D8	8-719-024-81	s	DIODE 1SS300-TE85L
L3	1-409-914-11	s	COIL, CHOKE 10uH
L4	1-409-914-11	s	COIL, CHOKE 10uH
L5	1-409-914-11	s	COIL, CHOKE 10uH
Q1	8-729-811-11	s	TRANSISTOR 2SD1111
Q2	8-729-117-32	s	TRANSISTOR 2SC4177
Q3	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q4	8-729-117-32	s	TRANSISTOR 2SC4177
Q5	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q6	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q51	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q52	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q53	8-729-117-32	s	TRANSISTOR 2SC4177
Q61	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q62	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q63	8-729-117-32	s	TRANSISTOR 2SC4177
Q71	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q72	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q73	8-729-117-32	s	TRANSISTOR 2SC4177

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(PS-392 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q101	8-729-119-61	s	TRANSISTOR 2SA811A-C15
Q102	8-729-101-07	s	TRANSISTOR 2SB798
Q103	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q104	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q105	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q111	8-729-119-61	s	TRANSISTOR 2SA811A-C15
Q112	8-729-101-07	s	TRANSISTOR 2SB798
Q113	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q114	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q115	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
R1	1-220-321-11	s	CHIP, METAL 470K 5% 1/4W
R2	1-220-325-11	s	CHIP, METAL 1M 5% 1/4W
R3	1-220-293-11	s	CHIP, METAL 47K 5% 1/4W
R4	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R5	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R6	1-216-025-11	s	CHIP, METAL 100 5% 1/10W
R7	1-216-055-00	s	CHIP, METAL 1.8K 5% 1/10W
R8	1-216-055-00	s	CHIP, METAL 1.8K 5% 1/10W
R9	1-216-089-91	s	METAL 47K 5% 1/10W
R10	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R51	1-216-049-91	s	METAL 1K 5% 1/10W
R52	1-216-017-00	s	CHIP, METAL 47 5% 1/10W
R53	1-216-017-00	s	CHIP, METAL 47 5% 1/10W
R54	1-216-081-00	s	CHIP, METAL 22K 5% 1/10W
R55	1-218-610-11	s	METAL, CHIP 4.7 5% 1W
R61	1-216-049-91	s	METAL 1K 5% 1/10W
R62	1-216-017-00	s	CHIP, METAL 47 5% 1/10W
R63	1-216-017-00	s	CHIP, METAL 47 5% 1/10W
R64	1-216-081-00	s	CHIP, METAL 22K 5% 1/10W
R65	1-218-610-11	s	METAL, CHIP 4.7 5% 1W
R71	1-216-049-91	s	METAL 1K 5% 1/10W
R72	1-216-017-00	s	CHIP, METAL 47 5% 1/10W
R73	1-216-017-00	s	CHIP, METAL 47 5% 1/10W
R74	1-216-081-00	s	CHIP, METAL 22K 5% 1/10W
R75	1-218-610-11	s	METAL, CHIP 4.7 5% 1W
R101	1-216-001-00	s	CHIP, METAL 10 5% 1/10W
R102	1-216-001-00	s	CHIP, METAL 10 5% 1/10W
R103	1-216-097-00	s	CHIP, METAL 100K 5% 1/10W
R104	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R105	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R106	1-216-097-00	s	CHIP, METAL 100K 5% 1/10W
R107	1-216-097-00	s	CHIP, METAL 100K 5% 1/10W
R108	1-216-097-00	s	CHIP, METAL 100K 5% 1/10W
R109	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R110	1-216-097-00	s	CHIP, METAL 100K 5% 1/10W
R111	1-216-001-00	s	CHIP, METAL 10 5% 1/10W
R112	1-216-001-00	s	CHIP, METAL 10 5% 1/10W
R113	1-216-097-00	s	CHIP, METAL 100K 5% 1/10W
R114	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R115	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R116	1-216-097-00	s	CHIP, METAL 100K 5% 1/10W
R117	1-216-097-00	s	CHIP, METAL 100K 5% 1/10W
R118	1-216-097-00	s	CHIP, METAL 100K 5% 1/10W
R119	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R120	1-216-097-00	s	CHIP, METAL 100K 5% 1/10W
RY1	1-515-898-11	s	RELAY
RY2	1-515-898-11	s	RELAY
RY3	1-515-898-11	s	RELAY
RY4	1-515-898-11	s	RELAY

SG-234 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8272-564-A	o	MOUNTED CIRCUIT BOARD, SG-234
1pc	3-692-127-02	o	PANEL,SG-234 PC BOARD
1pc	3-724-753-01	o	RING
6pcs	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)
C1	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C2	1-135-159-21	s	TANTALUM, CHIP 10uF 10% 20V
C3	1-135-214-21	s	TANTAL 4.7uF 20% 20V
C4	1-164-156-11	s	CERAMIC 0.1uF 25V
C5	1-164-156-11	s	CERAMIC 0.1uF 25V
C6	1-135-164-21	s	TANTALUM, CHIP 22uF 20% 10V
C7	1-164-156-11	s	CERAMIC 0.1uF 25V
C8	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C9	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C10	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C11	1-164-156-11	s	CERAMIC 0.1uF 25V
C12	1-164-156-11	s	CERAMIC 0.1uF 25V
C13	1-135-165-11	s	TANTALUM, CHIP 33uF 10% 16V
C14	1-164-156-11	s	CERAMIC 0.1uF 25V
C15	1-164-156-11	s	CERAMIC 0.1uF 25V
C23	1-164-156-11	s	CERAMIC 0.1uF 25V
C24	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C25	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C26	1-164-156-11	s	CERAMIC 0.1uF 25V
C27	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C28	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C29	1-164-156-11	s	CERAMIC 0.1uF 25V
C30	1-135-210-11	s	TANTALUM 4.7uF 10% 10V
C31	1-164-156-11	s	CERAMIC 0.1uF 25V
C32	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C33	1-164-156-11	s	CERAMIC 0.1uF 25V
C34	1-162-966-11	s	CERAMIC, CHIP 0.0022uF 10% 50V
C35	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C36	1-164-156-11	s	CERAMIC 0.1uF 25V
C37	1-164-156-11	s	CERAMIC 0.1uF 25V
C38	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C39	1-164-156-11	s	CERAMIC 0.1uF 25V
C40	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C41	1-162-923-11	s	CERAMIC, CHIP 47PF 5% 50V
C42	1-164-156-11	s	CERAMIC 0.1uF 25V
C43	1-162-925-11	s	CERAMIC, CHIP 68PF 5% 50V
C45	1-135-211-11	s	TANTALUM, CHIP 6.8uF 20% 6.3V
C46	1-164-346-11	s	CERAMIC 1uF 16V
C47	1-164-156-11	s	CERAMIC 0.1uF 25V
C48	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C49	1-164-156-11	s	CERAMIC 0.1uF 25V
C50	1-135-210-11	s	TANTALUM 4.7uF 10% 10V
C51	1-135-161-21	s	TANTALUM, CHIP 22uF 10% 10V
C52	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C53	1-164-156-11	s	CERAMIC 0.1uF 25V
C54	1-164-156-11	s	CERAMIC 0.1uF 25V
C56	1-165-128-11	s	CERAMIC 0.22uF 16V
C57	1-135-161-21	s	TANTALUM, CHIP 22uF 10% 10V
C58	1-164-156-11	s	CERAMIC 0.1uF 25V
C59	1-164-156-11	s	CERAMIC 0.1uF 25V
C60	1-164-156-11	s	CERAMIC 0.1uF 25V
C62	1-164-156-11	s	CERAMIC 0.1uF 25V
C63	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C64	1-135-165-11	s	TANTALUM, CHIP 33uF 10% 16V
C65	1-164-156-11	s	CERAMIC 0.1uF 25V

(SG-234 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C66	1-164-156-11	s	CERAMIC 0.1uF 25V
C67	1-164-156-11	s	CERAMIC 0.1uF 25V
C68	1-135-210-11	s	TANTALUM 4.7uF 10% 10V
C69	1-164-156-11	s	CERAMIC 0.1uF 25V
C70	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C71	1-135-076-21	s	TANTALUM, CHIP 1uF 10% 35V
C72	1-135-217-21	s	TANTAL 15uF 20% 6.3
C73	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C74	1-164-156-11	s	CERAMIC 0.1uF 25V
C75	1-164-156-11	s	CERAMIC 0.1uF 25V
C76	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C77	1-164-156-11	s	CERAMIC 0.1uF 25V
C78	1-164-156-11	s	CERAMIC 0.1uF 25V
C79	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C80	1-164-315-11	s	CERAMIC 470PF 5% 50V
C81	1-128-391-11	s	ELECT 330uF 20% 6.3V
C82	1-164-156-11	s	CERAMIC 0.1uF 25V
C83	1-164-156-11	s	CERAMIC 0.1uF 25V
C85	1-164-156-11	s	CERAMIC 0.1uF 25V
C87	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C88	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C89	1-162-923-11	s	CERAMIC, CHIP 47PF 5% 50V
C90	1-164-156-11	s	CERAMIC 0.1uF 25V
C92	1-164-156-11	s	CERAMIC 0.1uF 25V
C93	1-164-156-11	s	CERAMIC 0.1uF 25V
C94	1-164-156-11	s	CERAMIC 0.1uF 25V
C95	1-135-178-11	s	TANTALUM CHIP 1.5uF 20% 20V
C96	1-164-156-11	s	CERAMIC 0.1uF 25V
C97	1-135-179-21	s	TANTAL 2.2uF 10% 16V
C98	1-164-156-11	s	CERAMIC 0.1uF 25V
C99	1-164-156-11	s	CERAMIC 0.1uF 25V
C100	1-164-156-11	s	CERAMIC 0.1uF 25V
C200	1-164-156-11	s	CERAMIC 0.1uF 25V
C201	1-164-156-11	s	CERAMIC 0.1uF 25V
D1	8-719-029-63	s	DIODE RD4.3UH-T1
D2	8-719-029-63	s	DIODE RD4.3UH-T1
D3	8-719-948-47	s	DIODE HSM88AS
D4	8-719-029-63	s	DIODE RD4.3UH-T1
D5	8-719-820-41	s	DIODE 1SS302
D6	8-719-404-35	s	DIODE MA141WK
D7	8-719-404-35	s	DIODE MA141WK
D8	8-719-041-68	s	DIODE RD3.3UH-T1
D10	8-719-948-47	s	DIODE HSM88AS
D11	8-719-820-41	s	DIODE 1SS302
D12	8-719-948-47	s	DIODE HSM88AS
D13	8-719-948-47	s	DIODE HSM88AS
D14	8-719-800-76	s	DIODE 1SS126
D200	8-719-820-41	s	DIODE 1SS302
D201	8-719-948-47	s	DIODE HSM88AS
FL1	1-239-756-11	s	FILTER, LOW PASS
IC3	8-759-076-06	s	IC TL064CPW
IC5	8-759-254-49	s	IC EL4581CS-TE2
IC8	8-759-082-57	s	IC TC7W04FU
IC11	8-759-082-58	s	IC TC7W08FU
IC12	8-759-064-36	s	IC MB88346BPFV
IC13	8-759-066-59	s	IC TC74HC4053AFS
IC16	8-752-360-44	s	IC CXK1203AR
IC17	8-759-082-61	s	IC TC4W53FU

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Ref. No. or Q'ty	Part No.	SP	Description
IC18	8-759-632-39	s	IC M51958A-T1
IC20	8-759-058-62	s	IC TC7S08FU(TE85R)
IC21	8-759-086-42	s	IC X24C02S-3.0-C7000
IC22	8-759-271-86	s	IC TC7SH04FU
IC25	8-759-079-85	s	IC TC74VHC244FS(EL)
IC30	8-759-079-85	s	IC TC74VHC244FS(EL)
IC31	8-759-271-86	s	IC TC7SH04FU
IC32	8-759-076-06	s	IC TL064CPW
IC33	8-759-066-59	s	IC TC74HC4053AFS
IC34	8-759-184-64	s	IC TC4W66FU
IC35	8-759-049-86	s	IC SN74HCT244APW-E20
IC36	8-759-180-08	s	IC TC74HC4538AFS
IC37	8-759-082-58	s	IC TC7W08FU
IC38	8-759-083-94	s	IC TC7W74FU
IC39	8-759-195-81	s	IC TC7S86FU
IC40	8-759-082-60	s	IC TC7S66FU
IC41	8-759-082-61	s	IC TC4W53FU
IC42	8-759-049-86	s	IC SN74HCT244APW-E20
IC43	8-759-058-54	s	IC TC7S00FU(TE85R)
IC44	8-759-082-61	s	IC TC4W53FU
IC45	8-759-271-86	s	IC TC7SH04FU
IC46	8-759-082-61	s	IC TC4W53FU
IC47	8-759-082-61	s	IC TC4W53FU
IC48	8-759-173-16	s	IC TL062CPW
IC200	8-759-079-61	s	IC TC74VHC74FS(EL)
IC201	8-759-058-58	s	IC TC7S04FU(TE85R)
IC202	8-759-058-64	s	IC TC7S32FU(TE85R)
IC203	8-759-058-62	s	IC TC7S08FU(TE85R)
IC204	8-759-082-61	s	IC TC4W53FU
IC206	8-759-173-16	s	IC TL062CPW
IC207	8-759-058-55	s	IC TC7S02FU-TE85L
L1	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L2	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L4	1-410-737-31	s	INDUCTOR CHIP 0.47UH
L5	1-410-385-11	s	INDUCTOR, CHIP 22uH
L6	1-410-385-11	s	INDUCTOR, CHIP 22uH
L7	1-410-385-11	s	INDUCTOR, CHIP 22uH
L8	1-410-385-11	s	INDUCTOR, CHIP 22uH
L9	1-410-385-11	s	INDUCTOR, CHIP 22uH
Q1	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q2	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q4	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q5	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q6	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q7	8-729-117-32	s	TRANSISTOR 2SC4177
Q8	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q9	8-729-117-32	s	TRANSISTOR 2SC4177
Q10	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q11	8-729-117-32	s	TRANSISTOR 2SC4177
Q12	8-729-403-29	s	TRANSISTOR XN6435
Q14	8-729-117-32	s	TRANSISTOR 2SC4177
Q15	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q16	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q17	8-729-117-32	s	TRANSISTOR 2SC4177
Q18	8-729-920-48	s	TRANSISTOR IMH2
Q20	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q21	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q22	8-729-029-14	s	TRANSISTOR DTC144EUA-T106

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Ref. No. or Q'ty	Part No.	SP	Description
Q23	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q24	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q25	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q26	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q200	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q201	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q202	8-729-216-22	s	TRANSISTOR 2SA1162
Q203	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q204	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q205	8-729-117-32	s	TRANSISTOR 2SC4177
R1	1-218-716-11	s	METAL 10K 0.50% 1/16W
R2	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R3	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R5	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R6	1-218-677-11	s	CHIP, METAL 240 0.50% 1/16W
R7	1-218-723-11	s	METAL 20K 0.50% 1/16W
R8	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R9	1-218-729-11	s	CHIP, METAL 36K 0.50% 1/16W
R10	1-218-723-11	s	METAL 20K 0.50% 1/16W
R11	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R15	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R16	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R17	1-218-720-11	s	METAL 15K 0.50% 1/16W
R18	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R21	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R22	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R23	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R24	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R25	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R26	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R27	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R28	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R29	1-218-873-11	s	CHIP, METAL 12K 0.50% 1/16W
R30	1-218-716-11	s	METAL 10K 0.50% 1/16W
R31	1-218-716-11	s	METAL 10K 0.50% 1/16W
R32	1-218-720-11	s	METAL 15K 0.50% 1/16W
R33	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R34	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R35	1-218-732-11	s	METAL 47K 0.50% 1/16W
R36	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R37	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R38	1-218-716-11	s	METAL 10K 0.50% 1/16W
R39	1-218-736-11	s	METAL 68K 0.50% 1/16W
R40	1-218-889-11	s	CHIP, METAL 56K 0.50% 1/16W
R41	1-218-716-11	s	METAL 10K 0.50% 1/16W
R42	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R43	1-218-740-11	s	METAL 100K 0.50% 1/16W
R44	1-218-845-11	s	CHIP, METAL 820 0.50% 1/16W
R45	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R46	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R47	1-218-716-11	s	METAL 10K 0.50% 1/16W
R48	1-218-720-11	s	METAL 15K 0.50% 1/16W
R49	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R50	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R51	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R52	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R54	1-216-855-11	s	METAL, CHIP 680K 5% 1/16W
R55	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R56	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R57	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R58	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R59	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R60	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R61	1-218-833-11	s	CHIP, METAL 270 0.50% 1/16W
R62	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R63	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R64	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W
R65	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W
R66	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R67	1-218-881-11	s	CHIP, METAL 27K 0.50% 1/16W
R68	1-218-716-11	s	METAL 10K 0.50% 1/16W
R69	1-218-874-11	s	CHIP, METAL 13K 0.50% 1/16W
R71	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R77	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R78	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R79	1-218-716-11	s	METAL 10K 0.50% 1/16W
R80	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R81	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R83	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R84	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R85	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R86	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R90	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R92	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R95	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R96	1-218-716-11	s	METAL 10K 0.50% 1/16W
R97	1-218-716-11	s	METAL 10K 0.50% 1/16W
R98	1-218-716-11	s	METAL 10K 0.50% 1/16W
R99	1-218-883-11	s	METAL 33K 0.50% 1/16W
R100	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R101	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R102	1-218-740-11	s	METAL 100K 0.50% 1/16W
R103	1-218-732-11	s	METAL 47K 0.50% 1/16W
R104	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R105	1-218-716-11	s	METAL 10K 0.50% 1/16W
R106	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R107	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R108	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R109	1-218-732-11	s	METAL 47K 0.50% 1/16W
R110	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R111	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R112	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R113	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R114	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R115	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R116	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R117	1-218-716-11	s	METAL 10K 0.50% 1/16W
R118	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R119	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R121	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R122	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R123	1-218-716-11	s	METAL 10K 0.50% 1/16W
R124	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R126	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R127	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R128	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R129	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W
R130	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R131	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R132	1-218-732-11	s	METAL 47K 0.50% 1/16W
R133	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R134	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R135	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R136	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W
R137	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W
R138	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R139	1-218-697-11	s	METAL 1.6K 0.50% 1/16W
R140	1-218-899-11	s	CHIP, METAL 150K 0.50% 1/16W
R141	1-218-868-11	s	CHIP, METAL 7.5K 0.50% 1/16W
R144	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R145	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R146	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R148	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R149	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R150	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R151	1-218-732-11	s	METAL 47K 0.50% 1/16W
R152	1-218-732-11	s	METAL 47K 0.50% 1/16W
R153	1-218-732-11	s	METAL 47K 0.50% 1/16W
R154	1-218-732-11	s	METAL 47K 0.50% 1/16W
R200	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R201	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R202	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R203	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R204	1-218-716-11	s	METAL 10K 0.50% 1/16W
R205	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R206	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R207	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R208	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R209	1-218-716-11	s	METAL 10K 0.50% 1/16W
R210	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R211	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
RB1	1-239-409-11	s	NETWORK, RESISTOR (CHIP TYPE)
RB2	1-239-409-11	s	NETWORK, RESISTOR (CHIP TYPE)
RB3	1-239-409-11	s	NETWORK, RESISTOR (CHIP TYPE)
RB4	1-239-409-11	s	NETWORK, RESISTOR (CHIP TYPE)
RB5	1-239-409-11	s	NETWORK, RESISTOR (CHIP TYPE)
RB10	1-239-409-11	s	NETWORK, RESISTOR (CHIP TYPE)

SW-795 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8272-806-A	o	MOUNTED CIRCUIT BOARD, SW-795
1pc	3-708-930-01	s	CAP
1pc	3-708-930-11	s	CAP
1pc	3-708-930-21	s	CAP
1pc	3-708-932-01	s	CAP
1pc	3-708-933-01	s	CAP
1pc	3-708-933-11	s	CAP
1pc	3-708-934-01	s	CAP
1pc	3-710-803-03	o	HOLDER, DIA. 5-9 LED
C10	1-135-212-21	s	TANTALUM, CHIP 2.2uF 20% 35V
C11	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C12	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C13	1-135-159-21	s	TANTALUM, CHIP 10uF 10% 20V
C14	1-135-159-21	s	TANTALUM, CHIP 10uF 10% 20V
C100	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C200	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C300	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C400	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C500	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C501	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C502	1-131-367-00	s	TANTALUM, 22uF 10% 16V
C504	1-107-690-11	s	TANTALUM 6.8uF 20% 35V
C550	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C600	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C601	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C602	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C603	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C604	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C605	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C606	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C607	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C610	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
C611	1-163-038-00	s	CHIP, CERAMIC 0.1uF 25V
CN1	1-774-260-11	o	CONNECTOR, FFC (ZIF) 20P
D502	8-719-946-89	s	DIODE GL5ED5
IC10	8-759-082-58	s	IC TC7W08FU
IC100	8-759-990-63	s	IC PCF8574AT
IC200	8-759-990-63	s	IC PCF8574AT
IC300	8-759-990-63	s	IC PCF8574AT
IC400	8-759-990-63	s	IC PCF8574AT
IC500	8-759-990-63	s	IC PCF8574AT
IC501	8-759-990-63	s	IC PCF8574AT
IC503	8-759-276-00	s	IC TC7W139FU(TE12R)
IC505	8-759-079-49	s	IC TC74VHC04FS(EL)
IC506	8-759-082-57	s	IC TC7W04FU
IC550	8-759-209-54	s	IC TC4S01F
IC551	8-759-209-54	s	IC TC4S01F
IC600	8-759-076-06	s	IC TL064CPW
IC601	8-759-369-94	s	IC ADC10734CIMSA
L10	1-412-029-11	s	INDUCTOR CHIP 10uH
L11	1-412-029-11	s	INDUCTOR CHIP 10uH
L12	1-412-029-11	s	INDUCTOR CHIP 10uH
L13	1-412-029-11	s	INDUCTOR CHIP 10uH
L14	1-412-029-11	s	INDUCTOR CHIP 10uH
L600	1-412-029-11	s	INDUCTOR CHIP 10uH
Q500	8-729-027-57	s	TRANSISTOR DTC143XKA-T146

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Ref. No. or Q'ty	Part No.	SP	Description
Q501	8-729-027-57	s	TRANSISTOR DTC143XKA-T146
Q502	8-729-027-57	s	TRANSISTOR DTC143XKA-T146
Q503	8-729-027-57	s	TRANSISTOR DTC143XKA-T146
Q504	8-729-027-57	s	TRANSISTOR DTC143XKA-T146
Q505	8-729-027-57	s	TRANSISTOR DTC143XKA-T146
Q506	8-729-027-57	s	TRANSISTOR DTC143XKA-T146
Q550	8-729-027-59	s	TRANSISTOR DTC144EKA-T146
Q551	8-729-027-59	s	TRANSISTOR DTC144EKA-T146
Q552	8-729-027-36	s	TRANSISTOR DTA143XKA-T146
R10	1-218-760-11	s	CHIP, METAL 220K 0.50% 1/10W
R11	1-208-854-11	s	CHIP,METAL 1M 0.50% 1/10W
R12	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R13	1-216-627-11	s	CHIP, METAL 100 0.50% 1/10W
R506	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R507	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R508	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R509	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R510	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R511	1-208-774-11	s	CHIP, METAL 470 0.50% 1/10W
R512	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R526	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R527	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R528	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R529	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R530	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R531	1-208-774-11	s	CHIP, METAL 470 0.50% 1/10W
R532	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R551	1-208-817-11	s	CHIP, METAL 30K 0.50% 1/10W
R552	1-208-810-11	s	CHIP, METAL 15K 0.50% 1/10W
R553	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W
R554	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W
R555	1-208-775-11	s	CHIP, METAL 510 0.50% 1/10W
R556	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R600	1-218-760-11	s	CHIP, METAL 220K 0.50% 1/10W
R601	1-218-760-11	s	CHIP, METAL 220K 0.50% 1/10W
R602	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R603	1-216-627-11	s	CHIP, METAL 100 0.50% 1/10W
R610	1-216-295-11	s	CHIP, CONDUCTOR 0
RB100	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB101	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB200	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB201	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB300	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB301	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB400	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB401	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB500	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB501	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB502	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB503	1-236-907-11	s	RESISTOR BLOCK, CHIP 100KX4
RB600	1-239-416-11	s	RESISTOR BLOCK, CHIP 220X4
RB601	1-239-436-11	s	RESISTOR BLOCK, CHIP 33KX4
RB602	1-239-448-11	s	RESISTOR BLOCK, CHIP 470KX4
RB603	1-239-448-11	s	RESISTOR BLOCK, CHIP 470KX4
RV600	1-223-741-11	s	RES, VAR METAL CARBON 50K
RV601	1-223-741-11	s	RES, VAR METAL CARBON 50K
RV602	1-223-741-11	s	RES, VAR METAL CARBON 50K
RV603	1-223-741-11	s	RES, VAR METAL CARBON 50K

(SW-795 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
S10	1-473-435-11	s	ENCODER, ROTARY
S100	1-762-122-11	s	SWITCH, TOGGLE
S101	1-762-122-11	s	SWITCH, TOGGLE
S102	1-762-122-11	s	SWITCH, TOGGLE
S103	1-762-122-11	s	SWITCH, TOGGLE
S104	1-553-572-00	s	SWITCH, DIP 4-CKT
S200	1-762-123-11	s	SWITCH, TOGGLE
S201	1-762-531-11	s	SWITCH, TOGGLE
S202	1-762-124-11	s	SWITCH, TOGGLE
S203	1-762-123-11	s	SWITCH, TOGGLE
S300	1-762-532-11	s	SWITCH, ROTARY
S301	1-762-532-11	s	SWITCH, ROTARY
S400	1-762-534-11	s	SWITCH, PUSH (3 KEY)
S403	1-762-533-11	s	SWITCH, PUSH (2 KEY)
S500	1-762-129-11	s	SWITCH, PUSH
S501	1-762-129-21	s	SWITCH, PUSH
S502	1-762-129-31	s	SWITCH, PUSH
S503	1-762-131-11	s	SWITCH, PUSH
S504	1-762-132-11	s	SWITCH, PUSH
S505	1-762-133-11	s	SWITCH, PUSH
S506	1-762-132-21	s	SWITCH, PUSH

SW-805 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-658-605-21	o	PRINTED CIRCUIT BOARD, SW-805
C1	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C2	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C3	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C4	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C5	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C6	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C7	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C8	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C9	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C10	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
C11	1-163-275-11	s	CERAMIC 0.001uF 5% 50V
CN1	1-580-544-11	s	PIN, CONNECTOR 30P
CN11	1-506-475-11	o	PIN, CONNECTOR 10P
R1	1-216-295-00	s	CHIP, METAL 0
R2	1-216-295-00	s	CHIP, METAL 0
R3	1-216-073-00	s	CHIP, METAL 10K 5% 1/10W
R4	1-216-073-00	s	CHIP, METAL 10K 5% 1/10W
RV1	1-223-742-11	s	RES, VAR METAL CARBON 50K
RV3	1-223-742-11	s	RES, VAR METAL CARBON 50K
S1	1-762-122-11	s	SWITCH, TOGGLE
S3	1-762-122-11	s	SWITCH, TOGGLE

TR-90 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8272-586-A	o	MOUNTED CIRCUIT BOARD, TR-90
1pc	3-692-163-02	o	PANEL,TR-90 PC BOARD
1pc	3-724-753-01	o	RING
6pcs	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)
C1	1-135-165-11	s	TANTALUM, CHIP 33uF 10% 16V
C2	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C3	1-135-210-11	s	TANTALUM 4.7uF 10% 10V
C4	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C6	1-164-156-11	s	CERAMIC 0.1uF 25V
C9	1-164-392-11	s	CERAMIC 390PF 5% 50V
C10	1-162-957-11	s	CERAMIC 220PF 5% 50V
C13	1-164-156-11	s	CERAMIC 0.1uF 25V
C14	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C15	1-162-928-11	s	CERAMIC 120PF 5% 50V
C16	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C17	1-164-156-11	s	CERAMIC 0.1uF 25V
C18	1-164-264-11	s	CHIP,CERAMIC 82PF 5% 50V
C19	1-164-264-11	s	CHIP,CERAMIC 82PF 5% 50V
C20	1-164-392-11	s	CERAMIC 390PF 5% 50V
C21	1-162-957-11	s	CERAMIC 220PF 5% 50V
C24	1-164-156-11	s	CERAMIC 0.1uF 25V
C25	1-164-156-11	s	CERAMIC 0.1uF 25V
C26	1-164-156-11	s	CERAMIC 0.1uF 25V
C27	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C28	1-164-156-11	s	CERAMIC 0.1uF 25V
C29	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C30	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C31	1-162-928-11	s	CERAMIC 120PF 5% 50V
C32	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C33	1-164-156-11	s	CERAMIC 0.1uF 25V
C34	1-162-925-11	s	CERAMIC, CHIP 68PF 5% 50V
C35	1-164-264-11	s	CHIP,CERAMIC 82PF 5% 50V
C36	1-164-392-11	s	CERAMIC 390PF 5% 50V
C37	1-162-957-11	s	CERAMIC 220PF 5% 50V
C40	1-164-156-11	s	CERAMIC 0.1uF 25V
C41	1-135-165-11	s	TANTALUM, CHIP 33uF 10% 16V
C42	1-162-974-11	s	CERAMIC 0.01uF 50V
C43	1-162-974-11	s	CERAMIC 0.01uF 50V
C44	1-164-156-11	s	CERAMIC 0.1uF 25V
C45	1-135-157-21	s	TANTAL 10uF 10% 6.3V
C46	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C47	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C48	1-164-227-11	s	CERAMIC 0.022uF 10% 25V
C49	1-164-156-11	s	CERAMIC 0.1uF 25V
C50	1-162-959-11	s	CERAMIC 330PF 5% 50V
C51	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C52	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C53	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C54	1-162-925-11	s	CERAMIC, CHIP 68PF 5% 50V
C55	1-164-156-11	s	CERAMIC 0.1uF 25V
C57	1-164-392-11	s	CERAMIC 390PF 5% 50V
C58	1-162-957-11	s	CERAMIC 220PF 5% 50V
C59	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C61	1-135-210-11	s	TANTALUM 4.7uF 10% 10V
C62	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C63	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C65	1-162-974-11	s	CERAMIC 0.01uF 50V
C66	1-164-156-11	s	CERAMIC 0.1uF 25V
C67	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C68	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C69	1-162-974-11	s	CERAMIC 0.01uF 50V
C200	1-162-974-11	s	CERAMIC 0.01uF 50V
C201	1-135-210-11	s	TANTALUM 4.7uF 10% 10V
C202	1-164-156-11	s	CERAMIC 0.1uF 25V
C203	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C204	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C205	1-164-156-11	s	CERAMIC 0.1uF 25V
C206	1-164-156-11	s	CERAMIC 0.1uF 25V
C207	1-164-156-11	s	CERAMIC 0.1uF 25V
C208	1-164-265-11	s	CHIP,CERAMIC 100PF 5% 50V
C210	1-162-974-11	s	CERAMIC 0.01uF 50V
C211	1-162-974-11	s	CERAMIC 0.01uF 50V
C212	1-164-156-11	s	CERAMIC 0.1uF 25V
C213	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C214	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C215	1-162-958-11	s	CERAMIC 270PF 5% 50V
C216	1-162-925-11	s	CERAMIC, CHIP 68PF 5% 50V
C217	1-164-392-11	s	CERAMIC 390PF 5% 50V
C218	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C219	1-135-157-21	s	TANTAL 10uF 10% 6.3V
C220	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C221	1-164-156-11	s	CERAMIC 0.1uF 25V
C222	1-164-156-11	s	CERAMIC 0.1uF 25V
C223	1-164-156-11	s	CERAMIC 0.1uF 25V
C224	1-164-156-11	s	CERAMIC 0.1uF 25V
C225	1-164-265-11	s	CHIP,CERAMIC 100PF 5% 50V
C228	1-162-974-11	s	CERAMIC 0.01uF 50V
C229	1-162-974-11	s	CERAMIC 0.01uF 50V
C230	1-164-156-11	s	CERAMIC 0.1uF 25V
C231	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C232	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C233	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C234	1-164-156-11	s	CERAMIC 0.1uF 25V
C235	1-164-156-11	s	CERAMIC 0.1uF 25V
C236	1-164-460-11	s	CHIP,CERAMIC 62PF 5% 50V
C237	1-164-156-11	s	CERAMIC 0.1uF 25V
C238	1-135-164-21	s	TANTALUM, CHIP 22uF 20% 10V
C239	1-164-156-11	s	CERAMIC 0.1uF 25V
C240	1-164-156-11	s	CERAMIC 0.1uF 25V
C241	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C242	1-164-156-11	s	CERAMIC 0.1uF 25V
C243	1-135-210-11	s	TANTALUM 4.7uF 10% 10V
C244	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C245	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C246	1-162-957-11	s	CERAMIC 220PF 5% 50V
C247	1-162-957-11	s	CERAMIC 220PF 5% 50V
C248	1-164-156-11	s	CERAMIC 0.1uF 25V
C249	1-164-156-11	s	CERAMIC 0.1uF 25V
C250	1-164-382-11	s	CERAMIC 91PF 5% 50V
C251	1-164-156-11	s	CERAMIC 0.1uF 25V
C252	1-135-164-21	s	TANTALUM, CHIP 22uF 20% 10V
C253	1-164-156-11	s	CERAMIC 0.1uF 25V
C254	1-164-156-11	s	CERAMIC 0.1uF 25V
C255	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C256	1-164-156-11	s	CERAMIC 0.1uF 25V
C257	1-135-210-11	s	TANTALUM 4.7uF 10% 10V
C258	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C259	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V

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Ref. No. or Q'ty	Part No.	SP	Description
C260	1-162-957-11	s	CERAMIC 220PF 5% 50V
C261	1-162-957-11	s	CERAMIC 220PF 5% 50V
C276	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C277	1-135-215-21	s	TANTALUM, CHIP 6.8uF 20% 16V
C278	1-162-957-11	s	CERAMIC 220PF 5% 50V
C279	1-162-957-11	s	CERAMIC 220PF 5% 50V
C281	1-135-210-11	s	TANTALUM 4.7uF 10% 10V
C282	1-135-179-21	s	TANTAL 2.2uF 10% 16V
C283	1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V
C284	1-135-161-21	s	TANTALUM, CHIP 22uF 10% 10V
C285	1-135-161-21	s	TANTALUM, CHIP 22uF 10% 10V
C286	1-135-161-21	s	TANTALUM, CHIP 22uF 10% 10V
C287	1-135-161-21	s	TANTALUM, CHIP 22uF 10% 10V
C288	1-164-156-11	s	CERAMIC 0.1uF 25V
C301	1-162-957-11	s	CHIP, CERAMIC 220PF 5% 50V
CF1	1-578-068-12	s	FILTER, CERAMIC 7.100MHz
CF2	1-760-447-11	s	FILTER, CERAMIC 6.200MHz
CF3	1-578-067-11	s	FILTER, CERAMIC 6.700MHz
CF4	1-760-446-11	s	FILTER, CERAMIC 5.600MHz
CF200	1-760-445-11	s	FILTER, CERAMIC 4.300MHz
CF201	1-760-445-11	s	FILTER, CERAMIC 4.300MHz
CF202	1-760-443-11	s	FILTER, CERAMIC 3.600MHz
CF203	1-760-443-11	s	FILTER, CERAMIC 3.600MHz
D1	8-719-820-41	s	DIODE 1SS302
D2	8-719-041-39	s	DIODE KV1470
D3	8-719-820-41	s	DIODE 1SS302
D4	8-719-820-41	s	DIODE 1SS302
D5	8-719-041-39	s	DIODE KV1470
D6	8-719-820-41	s	DIODE 1SS302
D7	8-719-820-41	s	DIODE 1SS302
D8	8-719-041-39	s	DIODE KV1470
D9	8-719-820-41	s	DIODE 1SS302
D10	8-719-041-68	s	DIODE RD3.3UH-T1
D11	8-719-820-41	s	DIODE 1SS302
D12	8-719-041-39	s	DIODE KV1470
D13	8-719-820-41	s	DIODE 1SS302
D16	8-719-404-35	s	DIODE MA141WK
D17	8-719-157-33	s	DIODE RD6.2M-B
D18	8-719-041-68	s	DIODE RD3.3UH-T1
D19	8-759-274-67	s	IC LM4040BIM3X-5.0
D20	8-719-041-68	s	DIODE RD3.3UH-T1
D21	8-719-041-68	s	DIODE RD3.3UH-T1
D200	8-719-024-81	s	DIODE 1SS300-TE85L
D201	8-719-029-67	s	DIODE RD5.6UJN-T1
D202	8-719-159-85	s	DIODE RD2.0MB
D203	8-719-159-85	s	DIODE RD2.0MB
FL200	1-239-942-11	s	FILTER, LOW-PASS
FL201	1-239-941-11	s	FILTER, BAND PASS 3.0MHz
FL202	1-239-940-11	s	FILTER, BAND PASS 2.5MHz
IC1	8-759-085-67	s	IC LM339NS
IC2	8-759-209-15	s	IC TC4SU69F
IC3	8-759-008-88	s	IC MC14020BF
IC4	8-759-209-90	s	IC TC4S71F
IC5	8-759-209-90	s	IC TC4S71F
IC6	8-759-008-87	s	IC MC14018BF
IC7	8-759-260-55	s	IC TLC272CPW-E05
IC8	8-759-209-90	s	IC TC4S71F
IC200	8-759-271-14	s	IC TA8129Z
IC201	8-759-075-70	s	IC TA75S393F

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Ref. No. or Q'ty	Part No.	SP	Description
IC202	8-759-271-14	s	IC TA8129Z
IC204	8-759-260-55	s	IC TLC272CPW-E05
IC205	8-759-082-61	s	IC TC4W53FU
IC206	8-759-811-40	s	IC LA1140
IC207	8-759-811-40	s	IC LA1140
L1	1-412-029-11	s	INDUCTOR CHIP 10uH
L2	1-412-029-11	s	INDUCTOR CHIP 10uH
L3	1-412-029-11	s	INDUCTOR CHIP 10uH
L4	1-412-029-11	s	INDUCTOR CHIP 10uH
L6	1-412-029-11	s	INDUCTOR CHIP 10uH
L200	1-412-029-11	s	INDUCTOR CHIP 10uH
L201	1-412-029-11	s	INDUCTOR CHIP 10uH
L202	1-412-029-11	s	INDUCTOR CHIP 10uH
L203	1-412-029-11	s	INDUCTOR CHIP 10uH
L204	1-410-146-11	s	INDUCTOR 22uH
L205	1-410-154-11	s	INDUCTOR 100uH
L206	1-412-029-11	s	INDUCTOR CHIP 10uH
L207	1-410-146-11	s	INDUCTOR 22uH
L208	1-410-154-11	s	INDUCTOR 100uH
L209	1-412-029-11	s	INDUCTOR CHIP 10uH
LV1	1-409-825-11	s	COIL, VAR
LV2	1-409-825-11	s	COIL, VAR
LV3	1-409-825-11	s	COIL, VAR
LV4	1-409-826-11	s	COIL, VAR
LV200	1-409-827-11	s	COIL, VAR
LV201	1-409-827-11	s	COIL, VAR
Q1	8-729-117-32	s	TRANSISTOR 2SC4177
Q3	8-729-117-32	s	TRANSISTOR 2SC4177
Q4	8-729-117-32	s	TRANSISTOR 2SC4177
Q6	8-729-117-32	s	TRANSISTOR 2SC4177
Q7	8-729-200-87	s	TRANSISTOR 2SC2714Y
Q8	8-729-122-63	s	TRANSISTOR 2SA1226
Q9	8-729-200-87	s	TRANSISTOR 2SC2714Y
Q10	8-729-122-63	s	TRANSISTOR 2SA1226
Q11	8-729-200-87	s	TRANSISTOR 2SC2714Y
Q12	8-729-122-63	s	TRANSISTOR 2SA1226
Q13	8-729-117-32	s	TRANSISTOR 2SC4177
Q15	8-729-117-32	s	TRANSISTOR 2SC4177
Q16	8-729-200-87	s	TRANSISTOR 2SC2714Y
Q17	8-729-117-32	s	TRANSISTOR 2SC4177
Q18	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q19	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q20	8-729-117-32	s	TRANSISTOR 2SC4177
Q21	8-729-117-32	s	TRANSISTOR 2SC4177
Q22	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q23	8-729-928-81	s	TRANSISTOR DTC144EE
Q24	8-729-928-81	s	TRANSISTOR DTC144EE
Q25	8-729-928-81	s	TRANSISTOR DTC144EE
Q135	8-729-928-81	s	TRANSISTOR DTC144EE
Q136	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q137	8-729-928-81	s	TRANSISTOR DTC144EE
Q139	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q141	8-729-117-32	s	TRANSISTOR 2SC4177
Q142	8-729-117-32	s	TRANSISTOR 2SC4177
Q143	8-729-117-32	s	TRANSISTOR 2SC4177
Q144	8-729-928-81	s	TRANSISTOR DTC144EE
Q200	8-729-200-87	s	TRANSISTOR 2SC2714Y
Q201	8-729-117-32	s	TRANSISTOR 2SC4177

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Ref. No. or Q'ty	Part No.	SP	Description
Q202	8-729-117-32	s	TRANSISTOR 2SC4177
Q203	8-729-928-81	s	TRANSISTOR DTC144EE
Q204	8-729-026-31	s	TRANSISTOR XP6435
Q205	8-729-117-32	s	TRANSISTOR 2SC4177
Q206	8-729-026-31	s	TRANSISTOR XP6435
Q207	8-729-117-32	s	TRANSISTOR 2SC4177
R1	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R2	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R3	1-218-720-11	s	METAL 15K 0.50% 1/16W
R4	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R5	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R6	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R7	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R8	1-218-717-11	s	CHIP, METAL 11K 0.50% 1/16W
R9	1-218-688-11	s	METAL 680 0.50% 1/16W
R10	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R15	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R16	1-216-843-11	s	METAL, CHIP 68K 5% 1/16W
R17	1-216-827-11	s	METAL, CHIP 3.3K 5% 1/16W
R18	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R19	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R20	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R21	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R22	1-216-826-11	s	METAL, CHIP 2.7K 5% 1/16W
R23	1-218-720-11	s	METAL 15K 0.50% 1/16W
R24	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R25	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R26	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R27	1-218-873-11	s	CHIP, METAL 12K 0.50% 1/16W
R28	1-218-688-11	s	METAL 680 0.50% 1/16W
R29	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R34	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R35	1-216-843-11	s	METAL, CHIP 68K 5% 1/16W
R36	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R37	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R38	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R39	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R40	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R41	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R42	1-218-842-11	s	CHIP, METAL 620 0.50% 1/16W
R43	1-218-874-11	s	CHIP, METAL 13K 0.50% 1/16W
R44	1-216-818-11	s	METAL, CHIP 560 5% 1/16W
R45	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R46	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R47	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R48	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R49	1-216-793-11	s	METAL 4.7 5% 1/16W
R50	1-216-793-11	s	METAL 4.7 5% 1/16W
R51	1-247-804-11	s	CARBON 75 5% 1/4W
R52	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R53	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R54	1-216-826-11	s	METAL, CHIP 2.7K 5% 1/16W
R55	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R56	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R57	1-218-873-11	s	CHIP, METAL 12K 0.50% 1/16W
R58	1-218-688-11	s	METAL 680 0.50% 1/16W
R59	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R64	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R65	1-216-843-11	s	METAL, CHIP 68K 5% 1/16W
R66	1-216-828-11	s	METAL, CHIP 3.9K 5% 1/16W
R67	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R68	1-218-684-11	s	CHIP, METAL 470 0.50% 1/16W
R69	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R70	1-216-827-11	s	METAL, CHIP 3.3K 5% 1/16W
R71	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R72	1-218-716-11	s	METAL 10K 0.50% 1/16W
R73	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R74	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R75	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R76	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R77	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R78	1-216-834-11	s	METAL, CHIP 12K 5% 1/16W
R79	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R80	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R81	1-216-863-11	s	METAL 3.3M 5% 1/16W
R82	1-216-851-11	s	METAL, CHIP 330K 5% 1/16W
R83	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R84	1-216-843-11	s	METAL, CHIP 68K 5% 1/16W
R85	1-216-850-11	s	METAL, CHIP 270K 5% 1/16W
R86	1-218-717-11	s	CHIP, METAL 11K 0.50% 1/16W
R87	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R88	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R89	1-218-722-11	s	CHIP, METAL 18K 0.50% 1/16W
R90	1-218-901-11	s	CHIP, METAL 180K 0.50% 1/16W
R91	1-218-716-11	s	METAL 10K 0.50% 1/16W
R92	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R93	1-218-720-11	s	METAL 15K 0.50% 1/16W
R94	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R95	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R96	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R97	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R98	1-218-874-11	s	CHIP, METAL 13K 0.50% 1/16W
R99	1-218-688-11	s	METAL 680 0.50% 1/16W
R100	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R101	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R102	1-216-843-11	s	METAL, CHIP 68K 5% 1/16W
R103	1-216-830-11	s	METAL, CHIP 5.6K 5% 1/16W
R104	1-218-842-11	s	CHIP, METAL 620 0.50% 1/16W
R108	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R110	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R111	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R112	1-216-847-11	s	METAL, CHIP 150K 5% 1/16W
R113	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R114	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R115	1-216-843-11	s	METAL, CHIP 68K 5% 1/16W
R116	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R117	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R118	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R119	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R120	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R123	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R124	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R125	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R126	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R127	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R128	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R129	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R131	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R133	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R134	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R200	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R201	1-218-694-11	s	CHIP, METAL 1.2K 0.50% 1/16W
R202	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R203	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R204	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R205	1-216-822-11	s	METAL, CHIP 1.2K 5% 1/16W
R206	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R207	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R208	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R209	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R210	1-216-822-11	s	METAL, CHIP 1.2K 5% 1/16W
R212	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R213	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R214	1-218-722-11	s	CHIP, METAL 18K 0.50% 1/16W
R215	1-216-824-11	s	METAL, CHIP 1.8K 5% 1/16W
R216	1-216-834-11	s	METAL, CHIP 12K 5% 1/16W
R217	1-216-824-11	s	METAL, CHIP 1.8K 5% 1/16W
R218	1-218-864-11	s	CHIP, METAL 5.1K 0.50% 1/16W
R219	1-218-864-11	s	CHIP, METAL 5.1K 0.50% 1/16W
R220	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R221	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R222	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R223	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R224	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R225	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R226	1-218-723-11	s	METAL 20K 0.50% 1/16W
R227	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R228	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R229	1-216-822-11	s	METAL, CHIP 1.2K 5% 1/16W
R231	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R232	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R233	1-216-836-11	s	METAL, CHIP 18K 5% 1/16W
R234	1-216-822-11	s	METAL, CHIP 1.2K 5% 1/16W
R235	1-216-834-11	s	METAL, CHIP 12K 5% 1/16W
R236	1-216-824-11	s	METAL, CHIP 1.8K 5% 1/16W
R237	1-216-840-11	s	METAL, CHIP 39K 5% 1/16W
R238	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R239	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R240	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R241	1-216-827-11	s	METAL, CHIP 3.3K 5% 1/16W
R242	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R243	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R244	1-218-692-11	s	METAL, CHIP 1K 0.50% 1/16W
R245	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R246	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R248	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R249	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R250	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R251	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R254	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R255	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R256	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R257	1-216-838-11	s	METAL, CHIP 27K 5% 1/16W
R258	1-216-836-11	s	METAL, CHIP 18K 5% 1/16W
R259	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R260	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R261	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R262	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R263	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R264	1-216-840-11	s	METAL, CHIP 39K 5% 1/16W
R265	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R266	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R268	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R269	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R270	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R271	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R274	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R275	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R276	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R277	1-216-838-11	s	METAL, CHIP 27K 5% 1/16W
R278	1-216-836-11	s	METAL, CHIP 18K 5% 1/16W
R279	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R280	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R281	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R282	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R283	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R284	1-216-840-11	s	METAL, CHIP 39K 5% 1/16W
R285	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R306	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R307	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R311	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R312	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R317	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R318	1-218-889-11	s	CHIP, METAL 56K 0.50% 1/16W
R319	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R320	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R321	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R350	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R351	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R352	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R353	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R354	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R355	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R356	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R357	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R400	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R401	1-218-889-11	s	CHIP, METAL 56K 0.50% 1/16W
RV1	1-237-036-11	s	RES, ADJ METAL 10K
RV2	1-237-036-11	s	RES, ADJ METAL 10K
RV3	1-237-036-11	s	RES, ADJ METAL 10K
RV200	1-237-035-11	s	RES, ADJ METAL 5K
T200	1-409-833-11	s	COIL, TUNING
T201	1-409-832-11	s	COIL, TUNING
T202	1-409-829-11	s	COIL, TUNING
T203	1-409-828-11	s	COIL, TUNING
X1	1-527-997-21	s	VIBRATOR, CRYSTAL 32.768kHz

VA-163 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8272-560-A	o	MOUNTED CIRCUIT BOARD, VA-163
1pc	3-692-125-02	o	PANEL,VA-163 PC BOARD
1pc	3-724-753-01	o	RING
6pcs	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)
C1	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C2	1-164-156-11	s	CERAMIC 0.1uF 25V
C3	1-164-156-11	s	CERAMIC 0.1uF 25V
C4	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C5	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C6	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C7	1-164-156-11	s	CERAMIC 0.1uF 25V
C8	1-164-156-11	s	CERAMIC 0.1uF 25V
C9	1-135-217-21	s	TANTAL 15uF 20% 6.3
C10	1-164-156-11	s	CERAMIC 0.1uF 25V
C11	1-135-161-21	s	TANTALUM, CHIP 22uF 10% 10V
C12	1-126-391-11	s	ELECT 47uF 20% 6.3V
C13	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C14	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C15	1-135-125-21	s	TANTAL 33uF 20% 10V
C16	1-135-161-21	s	TANTALUM, CHIP 22uF 10% 10V
C17	1-126-391-11	s	ELECT 47uF 20% 6.3V
C18	1-164-156-11	s	CERAMIC 0.1uF 25V
C19	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C20	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C21	1-164-156-11	s	CERAMIC 0.1uF 25V
C22	1-164-156-11	s	CERAMIC 0.1uF 25V
C23	1-164-156-11	s	CERAMIC 0.1uF 25V
C24	1-135-216-11	s	TANTALUM, CHIP 10uF 20% 10V
C25	1-164-156-11	s	CERAMIC 0.1uF 25V
C26	1-164-217-11	s	CERAMIC 150PF 5% 50V
C27	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C30	1-164-156-11	s	CERAMIC 0.1uF 25V
C31	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C32	1-164-156-11	s	CERAMIC 0.1uF 25V
C40	1-135-211-11	s	TANTALUM, CHIP 6.8uF 20% 6.3V
C41	1-164-156-11	s	CERAMIC 0.1uF 25V
C42	1-164-156-11	s	CERAMIC 0.1uF 25V
C43	1-164-156-11	s	CERAMIC 0.1uF 25V
C44	1-164-156-11	s	CERAMIC 0.1uF 25V
C45	1-164-156-11	s	CERAMIC 0.1uF 25V
C46	1-135-070-00	s	TANTALUM, CHIP 0.1uF 10% 35V
C47	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C48	1-164-156-11	s	CERAMIC 0.1uF 25V
C49	1-164-156-11	s	CERAMIC 0.1uF 25V
C50	1-135-211-11	s	TANTALUM, CHIP 6.8uF 20% 6.3V
C51	1-135-211-11	s	TANTALUM, CHIP 6.8uF 20% 6.3V
C52	1-104-559-11	s	FILM, CHIP 0.047uF 5% 16V
C53	1-164-315-11	s	CERAMIC 470PF 5% 50V
C54	1-164-156-11	s	CERAMIC 0.1uF 25V
C55	1-164-156-11	s	CERAMIC 0.1uF 25V
C56	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C57	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C58	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C59	1-164-156-11	s	CERAMIC 0.1uF 25V
C60	1-164-156-11	s	CERAMIC 0.1uF 25V
C61	1-164-156-11	s	CERAMIC 0.1uF 25V
C62	1-164-156-11	s	CERAMIC 0.1uF 25V
C63	1-164-156-11	s	CERAMIC 0.1uF 25V
C64	1-164-156-11	s	CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C65	1-135-217-21	s	TANTAL 15uF 20% 6.3
C66	1-135-217-21	s	TANTAL 15uF 20% 6.3
C67	1-135-217-21	s	TANTAL 15uF 20% 6.3
C68	1-164-156-11	s	CERAMIC 0.1uF 25V
C69	1-135-217-21	s	TANTAL 15uF 20% 6.3
C70	1-135-217-21	s	TANTAL 15uF 20% 6.3
C71	1-135-217-21	s	TANTAL 15uF 20% 6.3
C72	1-164-156-11	s	CERAMIC 0.1uF 25V
C73	1-162-918-11	s	CERAMIC, CHIP 18PF 5% 50V
C124	1-107-685-11	s	TANTALUM 15uF 20% 6.3V
C125	1-107-685-11	s	TANTALUM 15uF 20% 6.3V
C200	1-135-214-21	s	TANTAL 4.7uF 20% 20V
C201	1-164-156-11	s	CERAMIC 0.1uF 25V
C202	1-135-165-11	s	TANTALUM, CHIP 33uF 10% 16V
C203	1-164-156-11	s	CERAMIC 0.1uF 25V
C204	1-135-157-21	s	TANTAL 10uF 10% 6.3V
C205	1-164-156-11	s	CERAMIC 0.1uF 25V
C207	1-162-920-11	s	CERAMIC, CHIP 27PF 5% 50V
C208	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C209	1-162-908-11	s	CERAMIC 3PF 0.25PF 50V
C211	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C212	1-164-156-11	s	CERAMIC 0.1uF 25V
C214	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C215	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C216	1-164-156-11	s	CERAMIC 0.1uF 25V
C217	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C218	1-164-156-11	s	CERAMIC 0.1uF 25V
C219	1-164-156-11	s	CERAMIC 0.1uF 25V
C220	1-164-156-11	s	CERAMIC 0.1uF 25V
C221	1-164-156-11	s	CERAMIC 0.1uF 25V
C223	1-164-156-11	s	CERAMIC 0.1uF 25V
C224	1-104-608-11	s	ELECT 33uF 20% 6.3V
C225	1-135-217-21	s	TANTAL 15uF 20% 6.3
C226	1-135-217-21	s	TANTAL 15uF 20% 6.3
C227	1-164-156-11	s	CERAMIC 0.1uF 25V
C228	1-135-162-21	s	TANTALUM, CHIP 33uF 10% 6.3V
C229	1-135-157-21	s	TANTAL 10uF 10% 6.3V
C230	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C231	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C232	1-135-161-21	s	TANTALUM, CHIP 22uF 10% 10V
C233	1-164-156-11	s	CERAMIC 0.1uF 25V
C234	1-164-156-11	s	CERAMIC 0.1uF 25V
C235	1-164-156-11	s	CERAMIC 0.1uF 25V
C236	1-164-156-11	s	CERAMIC 0.1uF 25V
C237	1-164-156-11	s	CERAMIC 0.1uF 25V
C238	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C239	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C240	1-162-924-11	s	CERAMIC 56PF 5% 50V
C242	1-135-092-21	s	TANTALUM, CHIP 3.3uF 10% 16V
C243	1-135-210-11	s	TANTALUM 4.7uF 10% 10V
C259	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C300	1-135-214-21	s	TANTAL 4.7uF 20% 20V
C301	1-164-156-11	s	CERAMIC 0.1uF 25V
C302	1-135-165-11	s	TANTALUM, CHIP 33uF 10% 16V
C303	1-164-156-11	s	CERAMIC 0.1uF 25V
C304	1-135-157-21	s	TANTAL 10uF 10% 6.3V
C305	1-164-156-11	s	CERAMIC 0.1uF 25V
C307	1-162-920-11	s	CERAMIC, CHIP 27PF 5% 50V
C308	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V

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Ref. No. or Q'ty	Part No.	SP	Description
C309	1-162-908-11	s	CERAMIC 3PF 0.25PF 50V
C311	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C312	1-164-156-11	s	CERAMIC 0.1uF 25V
C314	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C315	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C316	1-164-156-11	s	CERAMIC 0.1uF 25V
C317	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C318	1-164-156-11	s	CERAMIC 0.1uF 25V
C319	1-164-156-11	s	CERAMIC 0.1uF 25V
C320	1-164-156-11	s	CERAMIC 0.1uF 25V
C321	1-164-156-11	s	CERAMIC 0.1uF 25V
C323	1-164-156-11	s	CERAMIC 0.1uF 25V
C324	1-104-608-11	s	ELECT 33uF 20% 6.3V
C325	1-135-217-21	s	TANTAL 15uF 20% 6.3
C326	1-135-217-21	s	TANTAL 15uF 20% 6.3
C327	1-164-156-11	s	CERAMIC 0.1uF 25V
C328	1-135-162-21	s	TANTALUM, CHIP 33uF 10% 6.3V
C329	1-135-157-21	s	TANTAL 10uF 10% 6.3V
C330	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C331	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C332	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C333	1-164-156-11	s	CERAMIC 0.1uF 25V
C334	1-164-156-11	s	CERAMIC 0.1uF 25V
C335	1-164-156-11	s	CERAMIC 0.1uF 25V
C336	1-164-156-11	s	CERAMIC 0.1uF 25V
C337	1-164-156-11	s	CERAMIC 0.1uF 25V
C338	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C339	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C340	1-162-924-11	s	CERAMIC 56PF 5% 50V
C342	1-135-092-21	s	TANTALUM, CHIP 3.3uF 10% 16V
C343	1-135-210-11	s	TANTALUM 4.7uF 10% 10V
C359	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C400	1-135-214-21	s	TANTAL 4.7uF 20% 20V
C401	1-164-156-11	s	CERAMIC 0.1uF 25V
C402	1-135-165-11	s	TANTALUM, CHIP 33uF 10% 16V
C403	1-164-156-11	s	CERAMIC 0.1uF 25V
C404	1-135-157-21	s	TANTAL 10uF 10% 6.3V
C405	1-164-156-11	s	CERAMIC 0.1uF 25V
C407	1-162-920-11	s	CERAMIC, CHIP 27PF 5% 50V
C408	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C409	1-162-908-11	s	CERAMIC 3PF 0.25PF 50V
C411	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C412	1-164-156-11	s	CERAMIC 0.1uF 25V
C414	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C415	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C416	1-164-156-11	s	CERAMIC 0.1uF 25V
C417	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C418	1-164-156-11	s	CERAMIC 0.1uF 25V
C419	1-164-156-11	s	CERAMIC 0.1uF 25V
C420	1-164-156-11	s	CERAMIC 0.1uF 25V
C421	1-164-156-11	s	CERAMIC 0.1uF 25V
C423	1-164-156-11	s	CERAMIC 0.1uF 25V
C424	1-104-608-11	s	ELECT 33uF 20% 6.3V
C425	1-135-217-21	s	TANTAL 15uF 20% 6.3
C426	1-135-217-21	s	TANTAL 15uF 20% 6.3
C427	1-164-156-11	s	CERAMIC 0.1uF 25V
C428	1-135-162-21	s	TANTALUM, CHIP 33uF 10% 6.3V
C429	1-135-157-21	s	TANTAL 10uF 10% 6.3V
C430	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C431	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C432	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C433	1-164-156-11	s	CERAMIC 0.1uF 25V
C434	1-164-156-11	s	CERAMIC 0.1uF 25V
C435	1-164-156-11	s	CERAMIC 0.1uF 25V
C436	1-164-156-11	s	CERAMIC 0.1uF 25V
C437	1-164-156-11	s	CERAMIC 0.1uF 25V
C438	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C439	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C440	1-162-924-11	s	CERAMIC 56PF 5% 50V
C442	1-135-092-21	s	TANTALUM, CHIP 3.3uF 10% 16V
C443	1-135-210-11	s	TANTALUM 4.7uF 10% 10V
C459	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
CT200	1-141-311-11	s	CAP, VAR, TRIMMER
CT300	1-141-311-11	s	CAP, VAR, TRIMMER
CT400	1-141-311-11	s	CAP, VAR, TRIMMER
D1	8-719-029-63	s	DIODE RD4.3UH-T1
D2	8-719-029-63	s	DIODE RD4.3UH-T1
D3	8-719-029-63	s	DIODE RD4.3UH-T1
D4	8-719-029-63	s	DIODE RD4.3UH-T1
D5	8-719-820-41	s	DIODE 1SS302
D7	8-719-974-76	s	DIODE HSM107S
D8	8-719-820-41	s	DIODE 1SS302
D9	8-719-820-41	s	DIODE 1SS302
D10	8-719-820-41	s	DIODE 1SS302
FL200	1-402-639-11	s	FILTER, TRAP
FL300	1-402-639-11	s	FILTER, TRAP
FL400	1-402-639-11	s	FILTER, TRAP
IC1	8-759-076-06	s	IC TL064CPW
IC3	8-759-066-68	s	IC REF-03GS
IC5	8-759-180-08	s	IC TC74HC4538AFS
IC6	8-759-175-02	s	IC TL074CPW-ELM1000
IC7	8-759-058-64	s	IC TC7S32FU(TE85R)
IC8	8-759-082-60	s	IC TC7S66FU
IC9	8-759-085-67	s	IC LM339NS
IC10	8-759-058-58	s	IC TC7S04FU(TE85R)
IC11	8-759-058-58	s	IC TC7S04FU(TE85R)
IC12	8-759-175-02	s	IC TL074CPW-ELM1000
IC13	8-759-082-60	s	IC TC7S66FU
IC14	8-759-082-60	s	IC TC7S66FU
IC15	8-759-076-06	s	IC TL064CPW
IC16	8-759-326-65	s	IC MP7670AS-TE2
IC17	8-759-066-59	s	IC TC74HC4053AFS
IC18	8-759-326-65	s	IC MP7670AS-TE2
IC19	8-759-175-02	s	IC TL074CPW-ELM1000
IC20	8-759-237-79	s	IC TC74HC595AF(EL)
IC21	8-759-064-36	s	IC MB88346BPFV
IC22	8-759-066-59	s	IC TC74HC4053AFS
IC23	8-759-049-60	s	IC SN74HC08APW-E05
IC24	8-759-059-50	s	IC MB88351PFV
IC25	8-759-058-58	s	IC TC7S04FU(TE85R)
IC26	8-759-086-42	s	IC X24C02S-3.0-C7000
IC27	8-759-058-62	s	IC TC7S08FU(TE85R)
IC200	8-759-076-06	s	IC TL064CPW
IC201	8-759-082-61	s	IC TC4W53FU
IC202	8-752-068-64	s	IC CXA1486Q-TH
IC203	8-759-082-61	s	IC TC4W53FU
IC204	8-759-058-62	s	IC TC7S08FU(TE85R)

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Ref. No. or Q'ty	Part No.	SP	Description
IC300	8-759-076-06	s	IC TL064CPW
IC301	8-759-082-61	s	IC TC4W53FU
IC302	8-752-068-64	s	IC CXA1486Q-TH
IC303	8-759-082-61	s	IC TC4W53FU
IC304	8-759-058-62	s	IC TC7S08FU(TE85R)
IC400	8-759-076-06	s	IC TL064CPW
IC401	8-759-082-61	s	IC TC4W53FU
IC402	8-752-068-64	s	IC CXA1486Q-TH
IC403	8-759-082-61	s	IC TC4W53FU
IC404	8-759-058-62	s	IC TC7S08FU(TE85R)
L1	1-410-385-11	s	INDUCTOR, CHIP 22uH
L2	1-410-385-11	s	INDUCTOR, CHIP 22uH
Q1	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q2	8-729-820-86	s	TRANSISTOR 2SB1121-ST
Q3	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q4	8-729-117-32	s	TRANSISTOR 2SC4177
Q5	8-729-402-78	s	TRANSISTOR XN6401
Q7	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q10	8-729-402-78	s	TRANSISTOR XN6401
Q11	8-729-402-19	s	TRANSISTOR XN6501
Q12	8-729-402-19	s	TRANSISTOR XN6501
Q13	8-729-402-19	s	TRANSISTOR XN6501
Q14	8-729-402-78	s	TRANSISTOR XN6401
Q200	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q201	8-729-175-73	s	TRANSISTOR 2SC2757
Q202	8-729-122-63	s	TRANSISTOR 2SA1226
Q203	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q204	8-729-122-63	s	TRANSISTOR 2SA1226
Q205	8-729-122-63	s	TRANSISTOR 2SA1226
Q206	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q207	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q208	8-729-117-32	s	TRANSISTOR 2SC4177
Q209	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q210	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q211	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q212	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q213	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q214	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q215	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q216	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q217	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q218	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q219	8-729-402-19	s	TRANSISTOR XN6501
Q220	8-729-402-19	s	TRANSISTOR XN6501
Q300	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q301	8-729-175-73	s	TRANSISTOR 2SC2757
Q302	8-729-122-63	s	TRANSISTOR 2SA1226
Q303	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q304	8-729-122-63	s	TRANSISTOR 2SA1226
Q305	8-729-122-63	s	TRANSISTOR 2SA1226
Q306	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q307	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q308	8-729-117-32	s	TRANSISTOR 2SC4177
Q309	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q310	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q311	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q312	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q313	8-729-117-73	s	TRANSISTOR 2SC4178-F14

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Ref. No. or Q'ty	Part No.	SP	Description
Q314	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q315	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q316	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q317	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q318	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q319	8-729-402-19	s	TRANSISTOR XN6501
Q320	8-729-402-19	s	TRANSISTOR XN6501
Q400	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q401	8-729-175-73	s	TRANSISTOR 2SC2757
Q402	8-729-122-63	s	TRANSISTOR 2SA1226
Q403	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q404	8-729-122-63	s	TRANSISTOR 2SA1226
Q405	8-729-122-63	s	TRANSISTOR 2SA1226
Q406	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q407	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q408	8-729-117-32	s	TRANSISTOR 2SC4177
Q409	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q410	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q411	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q412	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q413	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q414	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q415	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q416	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q417	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q418	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q419	8-729-402-19	s	TRANSISTOR XN6501
Q420	8-729-402-19	s	TRANSISTOR XN6501
R1	1-218-723-11	s	METAL 20K 0.50% 1/16W
R2	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R3	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R4	1-218-716-11	s	METAL 10K 0.50% 1/16W
R5	1-218-732-11	s	METAL 47K 0.50% 1/16W
R6	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R7	1-218-716-11	s	METAL 10K 0.50% 1/16W
R8	1-218-716-11	s	METAL 10K 0.50% 1/16W
R9	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R10	1-218-724-11	s	CHIP, METAL 22K 5% 1/16W
R11	1-218-716-11	s	METAL 10K 0.50% 1/16W
R12	1-218-716-11	s	METAL 10K 0.50% 1/16W
R13	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R14	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R15	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R16	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R17	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R18	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R19	1-211-969-11	s	CHIP, METAL 10 0.50% 1/16W
R20	1-218-716-11	s	METAL 10K 0.50% 1/16W
R21	1-216-827-11	s	METAL, CHIP 3.3K 5% 1/16W
R22	1-211-969-11	s	CHIP, METAL 10 0.50% 1/16W
R23	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R24	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R25	1-218-716-11	s	METAL 10K 0.50% 1/16W
R26	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R27	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R28	1-218-716-11	s	METAL 10K 0.50% 1/16W
R29	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R30	1-218-716-11	s	METAL 10K 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R31	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R35	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R36	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R37	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R38	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R39	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R40	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R41	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R42	1-218-873-11	s	CHIP, METAL 12K 0.50% 1/16W
R43	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R44	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R45	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R46	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R47	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R48	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R49	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R50	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R51	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R52	1-218-716-11	s	METAL 10K 0.50% 1/16W
R53	1-218-723-11	s	METAL 20K 0.50% 1/16W
R54	1-218-716-11	s	METAL 10K 0.50% 1/16W
R55	1-218-723-11	s	METAL 20K 0.50% 1/16W
R56	1-218-901-11	s	CHIP, METAL 180K 0.50% 1/16W
R57	1-218-732-11	s	METAL 47K 0.50% 1/16W
R58	1-218-716-11	s	METAL 10K 0.50% 1/16W
R59	1-218-732-11	s	METAL 47K 0.50% 1/16W
R60	1-218-732-11	s	METAL 47K 0.50% 1/16W
R61	1-208-854-11	s	CHIP,METAL 1M 0.50% 1/10W
R62	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W
R63	1-218-883-11	s	METAL 33K 0.50% 1/16W
R64	1-218-883-11	s	METAL 33K 0.50% 1/16W
R65	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R66	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R67	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R68	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R69	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R70	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R71	1-218-883-11	s	METAL 33K 0.50% 1/16W
R72	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R73	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R74	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R75	1-218-883-11	s	METAL 33K 0.50% 1/16W
R76	1-218-883-11	s	METAL 33K 0.50% 1/16W
R77	1-218-883-11	s	METAL 33K 0.50% 1/16W
R78	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R79	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R80	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R81	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R82	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R83	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R84	1-218-883-11	s	METAL 33K 0.50% 1/16W
R85	1-218-883-11	s	METAL 33K 0.50% 1/16W
R86	1-218-883-11	s	METAL 33K 0.50% 1/16W
R87	1-218-883-11	s	METAL 33K 0.50% 1/16W
R88	1-218-883-11	s	METAL 33K 0.50% 1/16W
R89	1-218-883-11	s	METAL 33K 0.50% 1/16W
R90	1-218-883-11	s	METAL 33K 0.50% 1/16W
R91	1-218-716-11	s	METAL 10K 0.50% 1/16W
R92	1-218-716-11	s	METAL 10K 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R93	1-218-716-11	s	METAL 10K 0.50% 1/16W
R94	1-218-732-11	s	METAL 47K 0.50% 1/16W
R95	1-218-732-11	s	METAL 47K 0.50% 1/16W
R96	1-218-732-11	s	METAL 47K 0.50% 1/16W
R97	1-218-732-11	s	METAL 47K 0.50% 1/16W
R98	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R99	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R100	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R101	1-218-873-11	s	CHIP, METAL 12K 0.50% 1/16W
R102	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R103	1-218-886-11	s	CHIP, METAL 43K 0.50% 1/16W
R104	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R105	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R106	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R107	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R108	1-218-702-11	s	CHIP, METAL 2.7K 0.50% 1/16W
R109	1-218-716-11	s	METAL 10K 0.50% 1/16W
R110	1-218-702-11	s	CHIP, METAL 2.7K 0.50% 1/16W
R111	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R112	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R113	1-218-668-11	s	CHIP, METAL 100 0.50% 1/16W
R114	1-218-723-11	s	METAL 20K 0.50% 1/16W
R115	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R116	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R117	1-218-702-11	s	CHIP, METAL 2.7K 0.50% 1/16W
R118	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R120	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R121	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R122	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R123	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R200	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R201	1-218-723-11	s	METAL 20K 0.50% 1/16W
R202	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R203	1-216-830-11	s	METAL, CHIP 5.6K 5% 1/16W
R204	1-218-727-11	s	METAL 30K 0.50% 1/16W
R205	1-218-732-11	s	METAL 47K 0.50% 1/16W
R206	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R207	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R208	1-218-856-11	s	CHIP, METAL 2.4K 0.50% 1/16W
R209	1-218-723-11	s	METAL 20K 0.50% 1/16W
R210	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R211	1-211-969-11	s	CHIP, METAL 10 0.50% 1/16W
R212	1-218-680-11	s	METAL 330 0.50% 1/16W
R213	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R214	1-211-969-11	s	CHIP, METAL 10 0.50% 1/16W
R215	1-218-680-11	s	METAL 330 0.50% 1/16W
R216	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R217	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R218	1-218-717-11	s	CHIP, METAL 11K 0.50% 1/16W
R219	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R220	1-218-844-11	s	CHIP, METAL 750 0.50% 1/16W
R222	1-218-845-11	s	CHIP, METAL 820 0.50% 1/16W
R223	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R224	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R225	1-218-883-11	s	METAL 33K 0.50% 1/16W
R226	1-218-716-11	s	METAL 10K 0.50% 1/16W
R227	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R228	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R229	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R230	1-218-730-11	s	CHIP, METAL 39K 0.50% 1/16W
R231	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R232	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R233	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R234	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R235	1-218-672-11	s	METAL 150 0.50% 1/16W
R236	1-218-732-11	s	METAL 47K 0.50% 1/16W
R237	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R238	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R239	1-218-723-11	s	METAL 20K 0.50% 1/16W
R240	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R241	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R242	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R243	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R244	1-218-842-11	s	CHIP, METAL 620 0.50% 1/16W
R245	1-218-751-11	s	METAL, CHIP 300K 0.50% 1/16
R246	1-218-716-11	s	METAL 10K 0.50% 1/16W
R247	1-218-723-11	s	METAL 20K 0.50% 1/16W
R248	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R249	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R250	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R251	1-218-740-11	s	METAL 100K 0.50% 1/16W
R252	1-218-716-11	s	METAL 10K 0.50% 1/16W
R253	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R254	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R255	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R256	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R257	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R258	1-218-717-11	s	CHIP, METAL 11K 0.50% 1/16W
R259	1-218-723-11	s	METAL 20K 0.50% 1/16W
R260	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R261	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R262	1-218-727-11	s	METAL 30K 0.50% 1/16W
R263	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R264	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R265	1-218-723-11	s	METAL 20K 0.50% 1/16W
R266	1-218-716-11	s	METAL 10K 0.50% 1/16W
R267	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R268	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R269	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R270	1-218-883-11	s	METAL 33K 0.50% 1/16W
R271	1-218-740-11	s	METAL 100K 0.50% 1/16W
R272	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R280	1-218-883-11	s	METAL 33K 0.50% 1/16W
R281	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R300	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R301	1-218-723-11	s	METAL 20K 0.50% 1/16W
R302	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R303	1-216-830-11	s	METAL, CHIP 5.6K 5% 1/16W
R304	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R305	1-218-727-11	s	METAL 30K 0.50% 1/16W
R306	1-218-732-11	s	METAL 47K 0.50% 1/16W
R307	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R308	1-218-856-11	s	CHIP, METAL 2.4K 0.50% 1/16W
R309	1-218-874-11	s	CHIP, METAL 13K 0.50% 1/16W
R310	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R311	1-211-969-11	s	CHIP, METAL 10 0.50% 1/16W
R312	1-218-680-11	s	METAL 330 0.50% 1/16W
R313	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R314	1-211-969-11	s	CHIP, METAL 10 0.50% 1/16W
R315	1-218-680-11	s	METAL 330 0.50% 1/16W
R316	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R317	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R318	1-218-717-11	s	CHIP, METAL 11K 0.50% 1/16W
R319	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R320	1-218-844-11	s	CHIP, METAL 750 0.50% 1/16W
R322	1-218-845-11	s	CHIP, METAL 820 0.50% 1/16W
R323	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R324	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R325	1-218-883-11	s	METAL 33K 0.50% 1/16W
R326	1-218-716-11	s	METAL 10K 0.50% 1/16W
R327	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R328	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R329	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R330	1-218-730-11	s	CHIP, METAL 39K 0.50% 1/16W
R331	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R332	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R333	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R334	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R335	1-218-672-11	s	METAL 150 0.50% 1/16W
R336	1-218-732-11	s	METAL 47K 0.50% 1/16W
R337	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R338	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R339	1-218-723-11	s	METAL 20K 0.50% 1/16W
R340	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R341	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R342	1-218-716-11	s	METAL 10K 0.50% 1/16W
R343	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R344	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R345	1-218-842-11	s	CHIP, METAL 620 0.50% 1/16W
R346	1-218-750-11	s	METAL 270K 0.50% 1/16W
R347	1-218-723-11	s	METAL 20K 0.50% 1/16W
R348	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R349	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R350	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R351	1-218-740-11	s	METAL 100K 0.50% 1/16W
R352	1-218-716-11	s	METAL 10K 0.50% 1/16W
R353	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R354	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R355	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R356	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R357	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R358	1-218-717-11	s	CHIP, METAL 11K 0.50% 1/16W
R359	1-218-723-11	s	METAL 20K 0.50% 1/16W
R360	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R361	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R362	1-218-727-11	s	METAL 30K 0.50% 1/16W
R363	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R364	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R365	1-218-723-11	s	METAL 20K 0.50% 1/16W
R366	1-218-716-11	s	METAL 10K 0.50% 1/16W
R367	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R368	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R369	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R370	1-218-883-11	s	METAL 33K 0.50% 1/16W
R371	1-218-740-11	s	METAL 100K 0.50% 1/16W
R372	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R380	1-218-883-11	s	METAL 33K 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R381	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R400	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R401	1-218-723-11	s	METAL 20K 0.50% 1/16W
R402	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R403	1-216-830-11	s	METAL, CHIP 5.6K 5% 1/16W
R404	1-218-727-11	s	METAL 30K 0.50% 1/16W
R405	1-218-732-11	s	METAL 47K 0.50% 1/16W
R406	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R407	1-218-856-11	s	CHIP, METAL 2.4K 0.50% 1/16W
R408	1-218-874-11	s	CHIP, METAL 13K 0.50% 1/16W
R409	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R410	1-211-969-11	s	CHIP, METAL 10 0.50% 1/16W
R411	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R412	1-218-680-11	s	METAL 330 0.50% 1/16W
R413	1-218-851-11	s	CHIP, METAL 1.5K 0.50% 1/16W
R414	1-211-969-11	s	CHIP, METAL 10 0.50% 1/16W
R415	1-218-680-11	s	METAL 330 0.50% 1/16W
R416	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R417	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R418	1-218-717-11	s	CHIP, METAL 11K 0.50% 1/16W
R419	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R420	1-218-844-11	s	CHIP, METAL 750 0.50% 1/16W
R422	1-218-845-11	s	CHIP, METAL 820 0.50% 1/16W
R423	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R424	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R425	1-218-883-11	s	METAL 33K 0.50% 1/16W
R426	1-218-716-11	s	METAL 10K 0.50% 1/16W
R427	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R428	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R429	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R430	1-218-730-11	s	CHIP, METAL 39K 0.50% 1/16W
R431	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R432	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R433	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R434	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R435	1-218-672-11	s	METAL 150 0.50% 1/16W
R436	1-218-732-11	s	METAL 47K 0.50% 1/16W
R437	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R438	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R439	1-218-723-11	s	METAL 20K 0.50% 1/16W
R440	1-218-710-11	s	CHIP, METAL 5.6K 0.50% 1/16W
R441	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R442	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R443	1-218-699-11	s	CHIP, METAL 2K 0.50% 1/16W
R444	1-218-842-11	s	CHIP, METAL 620 0.50% 1/16W
R445	1-218-740-11	s	METAL 100K 0.50% 1/16W
R446	1-218-723-11	s	METAL 20K 0.50% 1/16W
R447	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R448	1-218-716-11	s	METAL 10K 0.50% 1/16W
R449	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R450	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R451	1-218-740-11	s	METAL 100K 0.50% 1/16W
R452	1-218-716-11	s	METAL 10K 0.50% 1/16W
R453	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R454	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R455	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R456	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R457	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R458	1-218-717-11	s	CHIP, METAL 11K 0.50% 1/16W

(VA-163 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R459	1-218-723-11	s	METAL 20K 0.50% 1/16W
R460	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R461	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R462	1-218-727-11	s	METAL 30K 0.50% 1/16W
R463	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R464	1-218-858-11	s	CHIP, METAL 3K 0.50% 1/16W
R465	1-218-723-11	s	METAL 20K 0.50% 1/16W
R466	1-218-716-11	s	METAL 10K 0.50% 1/16W
R467	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R468	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R469	1-218-692-11	s	CHIP, METAL 1K 0.50% 1/16W
R470	1-218-883-11	s	METAL 33K 0.50% 1/16W
R471	1-218-740-11	s	METAL 100K 0.50% 1/16W
R472	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R480	1-218-883-11	s	METAL 33K 0.50% 1/16W
R481	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
RV50	1-241-263-11	s	RES, ADJ, METALT 5K
RV200	1-241-260-11	s	METAL, ADJ 500
RV300	1-241-260-11	s	METAL, ADJ 500
RV400	1-241-260-11	s	METAL, ADJ 500

FRAME

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-239-963-12	s	FILTER, MPX
1pc	A-8272-571-A	s	CONVERTER, D.C-D.C
2pcs	⚠ A-8272-598-A	s	CONVERTER, AC.DC/DC
1pc	⚠ 1-576-228-11	s	FUSE (H.B.C.) T2AH 250V
1pc	⚠ 1-533-191-11	s	HOLDER, FUSE
4pcs	⚠ 1-576-231-41	s	FUSE (H.B.C.) T4AH 250V
4pcs	⚠ 1-533-191-11	s	HOLDER, FUSE
1pc	1-775-775-11	o	WIRE, FLEXIBLE CARD (24 CORE) (MB-637 to PR-211)
1pc	1-775-779-11	o	WIRE, FLEXIBLE CARD (20 CORE) (MB-637 to CCD UNIT)
1pc	1-775-780-11	o	WIRE, FLEXIBLE CARD (24 CORE) (MB-637 to CCD UNIT)
1pc	1-775-966-11	o	WIRE, FLEXIBLE CARD (20 CORE) (MB-637 to SW-795)
CB1	⚠ 1-533-514-31	s	BREAKER, CIRCUIT 1.25A 250V (J,UC)
CB1	⚠ 1-533-514-61	s	BREAKER, CIRCUIT 1.25A 250V (CE)
CB2	⚠ 1-533-515-31	s	BREAKER, CIRCUIT 2.5A 250V (J,UC)
CB2	⚠ 1-533-515-61	s	BREAKER, CIRCUIT 2.5A 250V (CE)
CN1F(to CN-1232 board)			
	1-580-586-11	o	HOUSING, 20P
	1-573-176-11	o	CONTACT, FEMALE AWG22-26
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN1F(to LF-31 board)			
	1-562-211-11	o	HOUSING, 3P
	1-562-210-11	o	CONTACT, FEMALE AWG18-22
CN1F(to PS-392 board)			
	1-562-286-11	o	HOUSING, 5P
	1-562-210-11	o	CONTACT, FEMALE AWG18-22
CN1F(to PS-435 board)			
	1-562-211-11	o	HOUSING, 3P
	1-562-210-11	o	CONTACT, FEMALE AWG18-22
CN1F(to SW-805 board)			
	1-580-591-11	o	HOUSING, 30P
	1-573-176-11	o	CONTACT, FEMALE AWG22-26
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN2F(to CN-1231 board)			
	1-580-578-11	s	HOUSING, 4P
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN2F(to PS-392 board)			
	⚠ 1-562-286-11	o	HOUSING, 5P
	⚠ 1-562-210-11	o	CONTACT, FEMALE AWG18-22
CN2F(to PS-434 board)			
	1-580-583-11	o	HOUSING, 14P
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN3F(to LF-31 board)			
	1-562-352-11	o	HOUSING, 2P
	1-562-210-11	o	CONTACT, FEMALE AWG18-22
CN3F(to PS-434 board)			
	1-580-584-11	o	HOUSING, 16P
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN4F(to PS-392 board)			
	⚠ 1-562-352-11	o	HOUSING, 2P
	⚠ 1-562-210-11	o	CONTACT, FEMALE AWG18-22

(FRAME)

Ref. No. or Q'ty	Part No.	SP	Description
CN5F(to PS-392 board)			
⚠	1-562-352-11	o	HOUSING, 2P
⚠	1-562-210-11	o	CONTACT, FEMALE AWG18-22
CN6F(to PS-392 board)			
⚠	1-562-352-11	o	HOUSING, 2P
⚠	1-562-210-11	o	CONTACT, FEMALE AWG18-22
CN7F(to PS-392 board)			
⚠	1-562-352-11	o	HOUSING, 2P
⚠	1-562-210-11	o	CONTACT, FEMALE AWG18-22
CN8F(to PS-392 board)			
⚠	1-562-352-11	o	HOUSING, 2P
⚠	1-562-210-11	o	CONTACT, FEMALE AWG18-22
CN11F(to PS-392 board)			
	1-562-211-11	o	HOUSING, 3P
	1-562-210-11	o	CONTACT, FEMALE AWG18-22
CN11F(to SW-805 board)			
	1-569-203-11	o	HOUSING, 10P
	1-569-192-11	o	CONTACT, FEMALE AWG22-26
	1-569-194-11	o	CONTACT, FEMALE AWG24-30
CN12F(to PS-392 board)			
	1-580-591-11	o	HOUSING, 30P
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN13F(to MB-637 board)			
	1-764-193-11	o	HOUSING, 3P
	1-695-215-11	o	CONTACT, FEMALE AWG26-30
CN17F(to MB-637 board)			
	1-580-591-11	o	HOUSING, 30P
	1-573-176-11	o	CONTACT, FEMALE AWG22-26
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN19(to MB-637 board)			
	1-580-582-11	o	HOUSING, 12P
	1-573-176-11	o	CONTACT, FEMALE AWG22-26
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN20F(to MB-637 board)			
	1-580-591-11	o	HOUSING, 30P
	1-573-176-11	o	CONTACT, FEMALE AWG22-26
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN21F(to MB-637 board)			
	1-580-591-11	o	HOUSING, 30P
	1-573-176-11	o	CONTACT, FEMALE AWG22-26
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN21F(to PS-392 board)			
	1-562-211-11	o	HOUSING, 3P
	1-562-210-11	o	CONTACT, FEMALE AWG18-22
CN22F(to PS-392 board)			
	1-580-591-11	o	HOUSING, 30P
CONTROL"			
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN24F(to MB-637 board)			
	1-580-591-11	o	HOUSING, 30P
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN24F(to PS-392 board)			
	1-580-591-11	o	HOUSING, 30P
	1-580-599-11	o	CONTACT, FEMALE AWG26-30

(FRAME)

Ref. No. or Q'ty	Part No.	SP	Description
CN25(to MB-637 board)			
	1-580-586-11	o	HOUSING, 20P
	1-573-176-11	o	CONTACT, FEMALE AWG22-26
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN29F(to MB-637 board)			
	1-580-582-11	o	HOUSING, 12P
	1-573-176-11	o	CONTACT, FEMALE AWG22-26
CN30F(to MB-637 board)			
	1-580-586-11	o	HOUSING, 20P
	1-573-176-11	o	CONTACT, FEMALE AWG22-26
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN31F(to MB-637 board)			
	1-580-591-11	o	HOUSING, 30P
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN31F(to PS-392 board)			
	1-580-591-11	o	HOUSING, 30P
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN33F(to MB-637 board)			
	1-764-194-11	o	HOUSING, 4P
	1-695-215-11	o	CONTACT, FEMALE AWG26-30
CN41F(to LE-130 board)			
	1-562-148-11	o	HOUSING, 3P
	1-563-088-11	o	CONTACT, FEMALE AWG24-30
CN43F(to CN-1239 board)			
	1-580-582-11	o	HOUSING, 12P
	1-573-176-11	o	CONTACT, FEMALE AWG22-26
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN44F(to CN-988 board)			
	1-580-578-11	s	HOUSING, 4P
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN45F(to CN-989 board)			
	1-580-589-11	o	HOUSING, 26P
	1-573-176-11	o	CONTACT, FEMALE AWG22-26
	1-580-599-11	o	CONTACT, FEMALE AWG26-30
CN51F(to CN-986 board)			
⚠	1-562-285-11	s	HOUSING, 4P
⚠	1-562-210-11	o	CONTACT, FEMALE AWG18-22
CN52F(to CN-986 board)			
	1-562-352-11	o	HOUSING, 2P
	1-562-210-11	o	CONTACT, FEMALE AWG18-22
CN54F(to CN-986 board)			
	1-562-211-11	o	HOUSING, 3P
	1-562-210-11	o	CONTACT, FEMALE AWG18-22
CN1	1-565-443-11	o	CONNECTOR, 10P, FEMALE "TRACKER"
CN2	1-562-222-21	s	CONNECTOR, 6P, FEMALE "RET
CN3	1-766-696-11	o	CONNECTOR, 8P, FEMALE "REMOTE"
CN4	1-563-929-11	s	CONNECTOR, 4P, FEMALE "SCRIPT"
CN11	1-569-253-21	s	CONNECTOR, BNC, FEMALE "MONITOR"
CN11(on CN-1239A board)			
	1-573-593-11	s	CONNECTOR, XLR 3P, MALE "MIC CH-1" (J)
CN11(on CN-1239B board)			
	1-573-594-11	s	CONNECTOR, XLR 3P, FEMALE "MIC CH-1" (UC,CE)
CN12	1-562-222-21	s	CONNECTOR, 6P, FEMALE "REMOTE"

(FRAME)

Ref. No. or Q'ty	Part No.	SP	Description
CN12	1-569-253-21	s	CONNECTOR, BNC, FEMALE"PROMPTER OUT"
CN12(on CN-1239A board)			
	1-573-593-11	s	CONNECTOR, XLR 3P, FEMALE "MIC CH-2" (J)
CN12(on CN-1239B board)			
	1-573-594-11	s	CONNECTOR, XLR 3P, FEMALE "MIC CH-2" (UC,CE)
CN44(on CN-988 board)			
	1-580-531-11	o	PIN, CONNECTOR 4P
CN45(on CN-989 board)			
	1-580-542-11	o	PIN, CONNECTOR 26P
CN100 ⚠	1-565-801-11	s	CONNECTOR, DOUBLE COAXIAL "TRIAX" (UC)
CN100 ⚠	1-565-797-12	s	CONNECTOR, DOUBLE COAXIAL "TRIAX" (J)
CN100 ⚠	1-561-844-00	s	CONNECTOR, COAXIAL "TRIAX" (CE)
CN101	1-953-632-11	o	HARNESS (UTL(NTSC)) (J,UC)
	1-251-220-11	s	OUTLET 3P "AC OUT" (J,UC)
CN101	1-953-633-12	o	HARNESS (UTL(PAL)) (CE)
	1-251-221-11	s	OUTLET 3P "AC OUT" (CE)
CN102	1-955-223-11	o	HARNESS (LENS)
	1-509-892-31	o	CONNECTOR 36P, MALE "LENS"
CN103	1-956-540-21	o	HARNESS (VF)
	1-562-989-11	s	CONNECTOR, MULTI 25P, FEMALE "VF"
	1-562-580-21	o	CONTACT, FEMALE AWG24-28
CN104	1-563-159-11	s	CONNECTOR, 5P, FEMALE "INTERCOM"
FB100	1-543-824-11	s	CORE, TROIDAL
FB101	1-543-824-11	s	CORE, TROIDAL
FB102	1-543-824-11	s	CORE, TROIDAL
S101 ⚠	1-570-173-11	s	SELECTOR, POWER VOLTAGE
S102 ⚠	1-570-173-11	s	SELECTOR, POWER VOLTAGE
S103 ⚠	1-762-116-11	s	SWITCH, AC POWER
T100 ⚠	1-426-993-13	s	TRANSFORMER, POWER

1-4. Supplied Accessories

Ref. No. or Q'ty	Part No.	SP	Description
1pc ⚠	1-576-228-11	s	FUSE (H.B.C.) T2AH 250V
4pcs ⚠	1-576-231-41	s	FUSE (H.B.C.) T4AH 250V
2pcs	2-280-511-01	o	BRACKET, ADJUSTMENT, ANGLE
1pc	3-167-517-01	s	PLATE, NUMBER (BACK TALLY LAMP)
1pc	3-185-945-01	s	PLATE, NUMBER (SIDE PANEL)
2pcs	3-186-502-01	s	BAND, CLAMP
1pc	4-027-937-01	s	PLATE, NUMBER (UP TALLY LAMP)

1-5. Optional Fixtures

Part No.	SP	Description
J-6026-110-A	o	MULTI-BURST CHART
J-6026-130-B	o	GRAYSCALE CHART
J-6029-140-B	o	PATTERN BOX PTB-500
J-6394-080-A	o	GRAYSCALE CHART (16:9)
J-6395-040-A	o	EXTENSION BOARD, EX-464
J-6395-070-A	o	EXTENSION HARNESS FOR POWER ASSEMBLY
J-6395-080-A	o	PORTABLE LENS ATTACHMENT FOR 0HB-400 SERIES
J-6395-090-A	o	PORTABLE LENS ATTACHMENT FOR 0HB-500/500WS SERIES

1-6. Changed Parts

NOTE: The numbers identified by marking with) are matching with each serial numbers.
See the table matched with each serial numbers.

511) Serial No. 15001-(UC), 35001-(J), 45001-(CE)
601) Serial No. 15031-(UC), 35001-(J), 45031-(CE)

AU-211 BOARD
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511) C95	1-162-925-11 s CERAMIC, CHIP 68PF 5% 50V	--->	1-162-919-11 s CERAMIC,CHIP 22PF 5% 50V
511) C96	1-162-925-11 s CERAMIC, CHIP 68PF 5% 50V	--->	1-162-919-11 s CERAMIC,CHIP 22PF 5% 50V
511) C201	NOT IN USE.	--->	1-131-377-00 s TANTALUM 10uF 10% 10V
511) R289	1-216-837-11 s CHIP, METAL 22K 5% 1/16W	--->	1-216-843-11 s METAL, CHIP 68K 5% 1/16W
511) R52	1-216-845-11 s CHIP, METAL 100K 0.50% 1/16W	--->	1-218-752-11 s METAL, CHIP 330K 0.5% 1/16W
511) R53	1-216-845-11 s CHIP, METAL 100K 0.50% 1/16W	--->	1-218-752-11 s METAL, CHIP 330K 0.5% 1/16W
511) R84	1-218-723-11 s CHIP, METAL 20K 0.50% 1/16W	--->	1-218-720-11 s METAL, CHIP 15K 0.5% 1/16W

MD-103 BOARD
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601) C210	NOT IN USE.	--->	1-162-974-11 s CERAMIC 0.01uF 50V
601) C211	NOT IN USE.	--->	1-162-974-11 s CERAMIC 0.01uF 50V

TR-90 BOARD
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511) R130	1-216-841-11 s RES, CHIP 47K 5% 1/16W	--->	DELETED.

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Section 2
Semiconductor Pin Assignments

ここに記載されている半導体は，それぞれの機能を等価的に表したものです。　なお，互換性のない型名を併記していることがありますので，部品を交換するときは，Spare Partsの章を参照してください。
等価回路はＩＣメーカーのデータブックに従いました。

Semiconductors of which functions are equivalent are described here. For parts replacement, refer to the section of Spare Parts in this manual. The circuit diagram of each IC is obtained from the IC data book published by the manufacturer.

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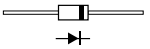
TC74VHC138FS (EL) 2-23
TC74VHC157FS 2-19
TC74VHC163F 2-23
TC74VHC20F 2-24
TC74VHC244FS (EL) 2-20
TC74VHC32FS (EL) 2-24
TC74VHC541FS (EL) 2-24
TC74VHC74F 2-19
TC74VHC74FS (EL) 2-19
TC7S00FU 2-21
TC7S02FU 2-21
TC7S04FU 2-21
TC7S08FU 2-22
TC7S32FU 2-21
TC7S66FU 2-24
TC7S86FU 2-21
TC7SH02FU 2-21
TC7SH04FU 2-21
TC7SH08FU 2-22
TC7SH32FU 2-21
TC7W00FU 2-24
TC7W02F 2-24
TC7W04FU 2-24
TC7W08FU 2-24
TC7W139FU 2-25
TC7W32FU 2-25
TC7W74FU 2-25
TL062CPW 2-25
TL064CPW 2-25
TL074CPW 2-25
TL082M 2-25
TL084CPW 2-25
TLC0820ACDW 2-26
TLC272CPW 2-26
TLC27L2CPS 2-26

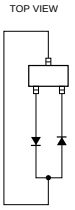
UPC358G2 2-12
UPC393G2 2-12
UPD4702G 2-26
UPD6453GT-610 2-27
UPD71055GB-10-3B4 2-28

X24164S1 2-28
X24C02S-3. 0 2-28

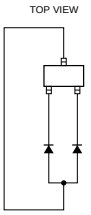
DIODE



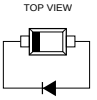
1S1588



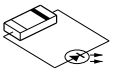
1SS226
1SS302
HSM107S
HSM88AS



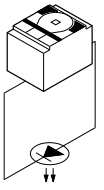
1SS300
HSM88WA



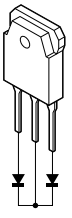
1T363



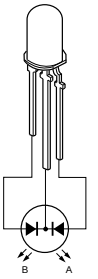
CL-150D-CD;ORANGE
CL-150PG-CD;GREEN
CL-150UR-CD;RED



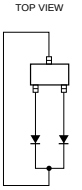
CL-200HR;RED



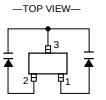
DE5LC20U



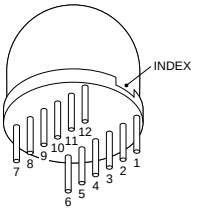
GL-5ED5;A=RED,B=YEL GRN



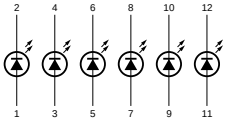
HSM88WK
MA141WK

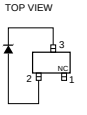


KV1470

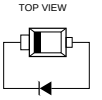


LT9527U

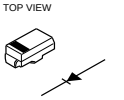




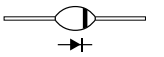
RD ? ?M-B
RD ? ?MB
RD ? ?M-B ?



RD ? ?UH
RD ? ?UJN

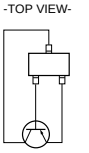


SC802-04

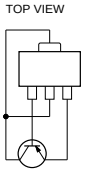


V09C
V09G
V11 ?

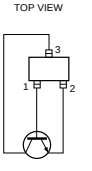
TRANSISTOR



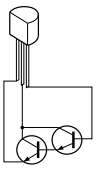
2SA1162G
2SA1226
2SA1610
2SA1611
2SA1688
2SA1808
2SA811A
2SB1440S
2SB624



2SB1115A
2SB1121
2SB798



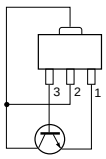
2SC1623
2SC2223
2SC2712
2SC2713
2SC2714Y
2SC2757
2SC2758
2SC3115
2SC3360
2SC4177
2SC4177-L6
2SC4178
2SC4184
2SC4215
2SD1048
2SD596
2SD592-DV5



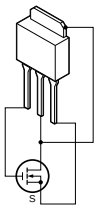
2SD1111

Others

TOP VIEW

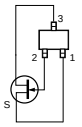


2SD1615A
2SD1623



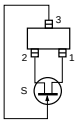
2SK612

TOP VIEW



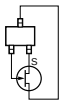
2SK663

TOP VIEW



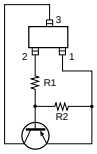
2SK852-X2
2SK853

TOP VIEW



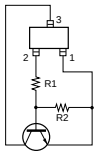
2SK664

TOP VIEW



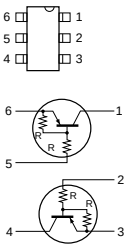
DTA143XKA(R1=4.7K R2=10K)
DTA144EE(R1=47K, R2=47K)
DTA144EUA(R1=47K, R2=47K)

TOP VIEW



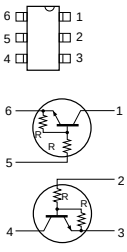
DTC143XKA(R1=4.7K, R2=10K)
DTC144EE(R1=47K, R2=47K)
DTC144EK(R1=47K, R2=47K)
DTC144EKA(R1=47K, R2=47K)
DTC144EUA(R1=47K, R2=47K)

—TOP VIEW—



IMB2(R=47K)

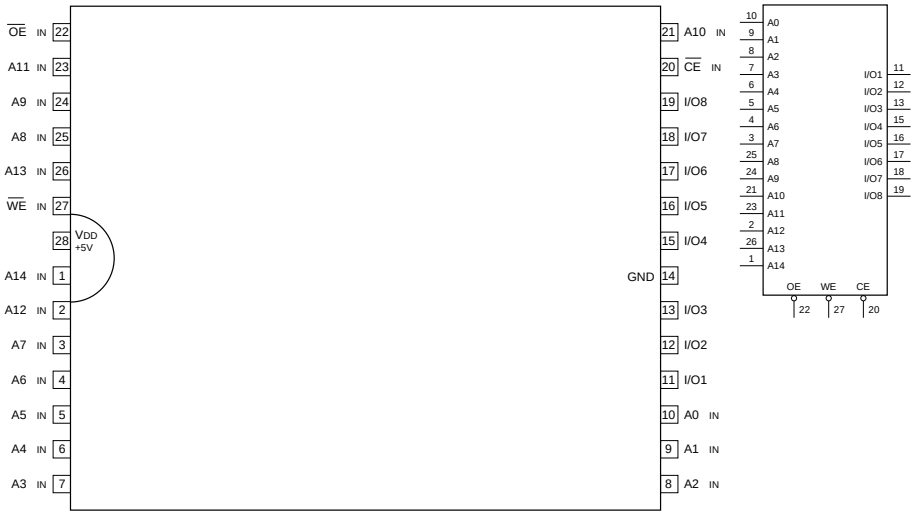
TOP VIEW



IMH2(R=47K)

CXK58257ATM-70LL(SONY)(ACCESS TIME=70ns)FLAT PACKAGE

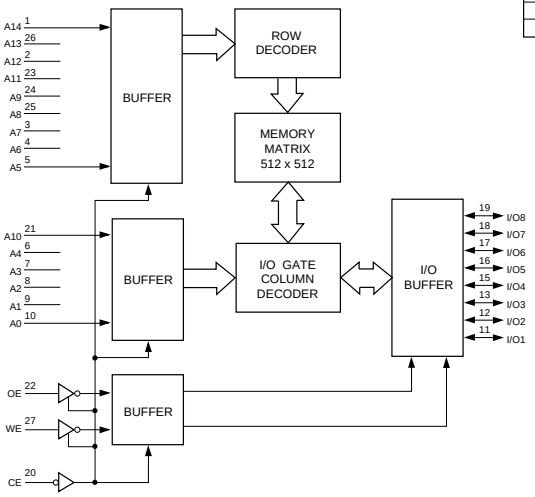
C-MOS 256K (32768 x 8)-BIT STATIC RAM
—TOP VIEW—



A0-A14 ; ADDRESS INPUTS
CE ; CHIP ENABLE INPUT
I/O1-I/O8 ; DATA INPUTS/OUTPUTS
OE ; OUTPUT ENABLE INPUT
WE ; WRITE ENABLE INPUT

CE	OE	WE	MODE	I/O TERMINAL
1	X	X	NOT SELECT	HIGH IMPEDANCE
0	1	1	OUTPUT DISABLE	HIGH IMPEDANCE
0	0	1	READ	OUTPUT DATA
0	X	0	WRITE	INPUT DATA

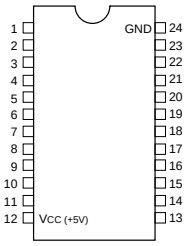
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE



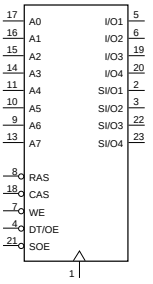
HM53461JP-12(HITACHI)(ACCESS TIME=120ns)PLCC

C-MOS 64K WORD x 4 BIT MULTI PORT RAM

—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	—	SC	13	I	A7
2	I/O	SI/O1	14	I	A3
3	I/O	SI/O2	15	I	A2
4	—	$\overline{DT/OE}$	16	I	A1
5	I/O	I/O1	17	I	A0
6	I/O	I/O2	18	—	$\overline{CAS}$
7	—	$\overline{WE}$	19	I/O	I/O3
8	—	$\overline{RAS}$	20	I/O	I/O4
9	I	A6	21	—	$\overline{SOE}$
10	I	A5	22	I/O	SI/O3
11	I	A4	23	I/O	SI/O4
12	—	VCC	24	—	GND

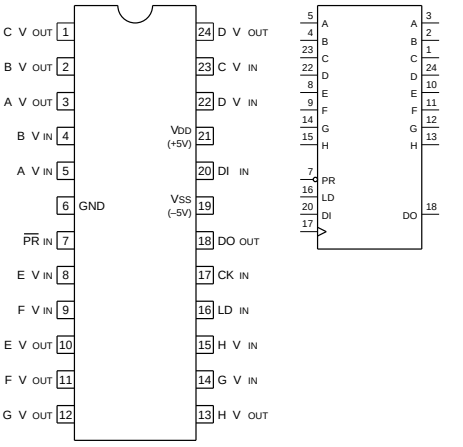


A0-A7 ; ADDRESS INPUT
CAS ; COLUMN ADDRESS STROBE INPUT
DT/OE ; DATA TRANSMISSION/OUTPUT ENABLE INPUT
I/O1-I/O4 ; RAM PORT DATA INPUT/OUTPUT
RAS ; ROW ADDRESS STROBE INPUT
SC ; SERIAL CLOCK INPUT
SI/O1-SI/O4 ; SAM PORT DATA INPUT/OUTPUT
SOE ; SAM PORT ENABLE INPUT/OUTPUT
$\overline{WE}$; WRITE ENABLE INPUT

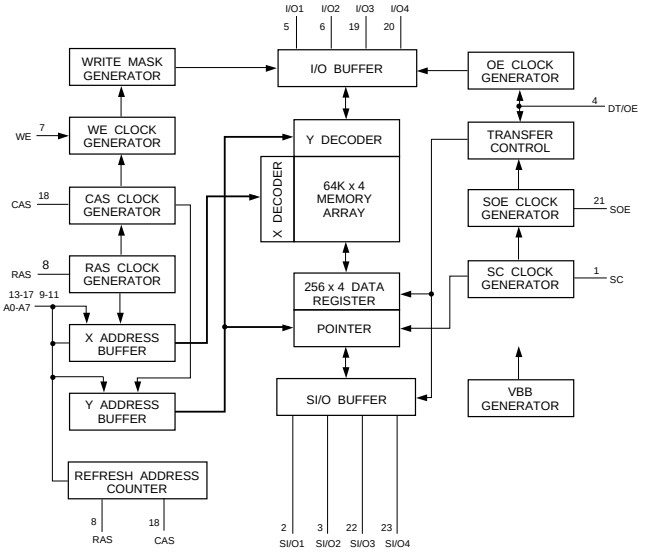
MP7670AS(MICRO POWER SYSTEMS)FLAT PACKAGE

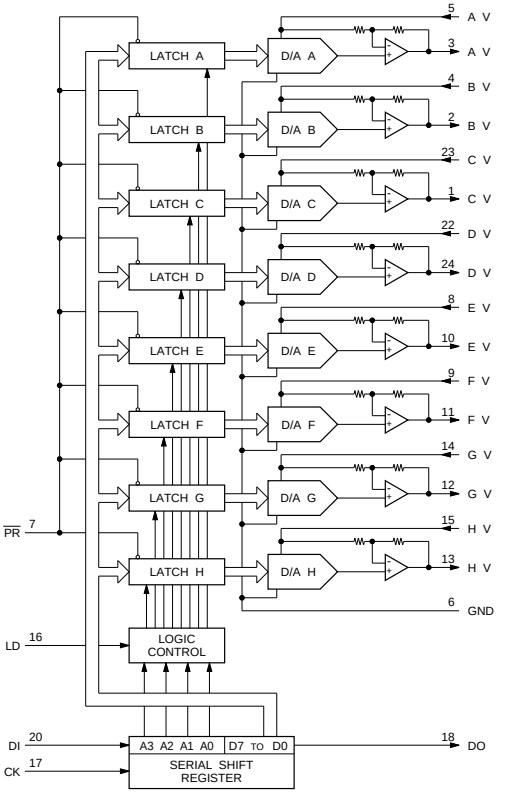
C-MOS 8-BIT 8CHANNEL D/A CONVERTER

— TOP VIEW —



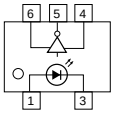
CK ; CLOCK INPUT
DI ; SERIAL DATA INPUT
DO ; DATA OUTPUT
LD ; DATA LOAD CONTROL INPUT
$\overline{PR}$; PRESET INPUT

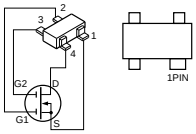




PC410(SHARP)FLAT PACKAGE

OPIC-OUTPUT PHOTO COUPLER
—TOP VIEW—

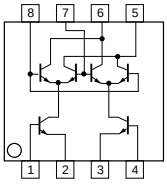


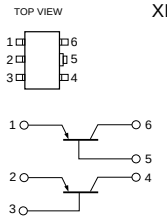


SGM2016M

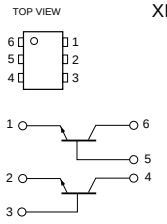
UPA101G(NEC)FLAT PACKAGE

TRANSISTOR ARRAY
—TOP VIEW—

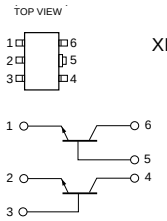




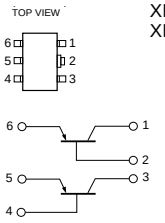
XP6435



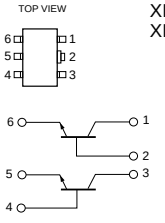
XP6501



XP6534



XN6401
XN6435

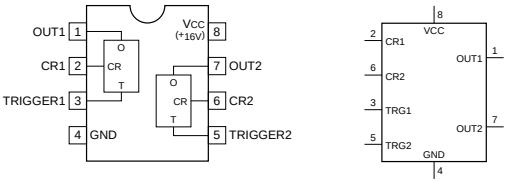


XN6501
XN6534

IC

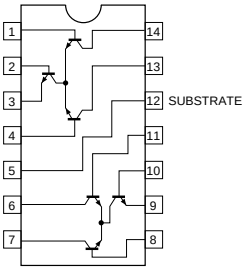
BA225F(ROHM)

CR TIMER
-TOP VIEW-



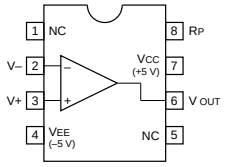
CA3102M(RCA)FLAT PACKAGE

HIGH FREQ.DIFFERENTIAL AMPLIFIER
—TOP VIEW—



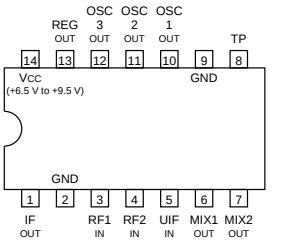
CLC505AJE(COMLINEAR)FLAT PACKAGE

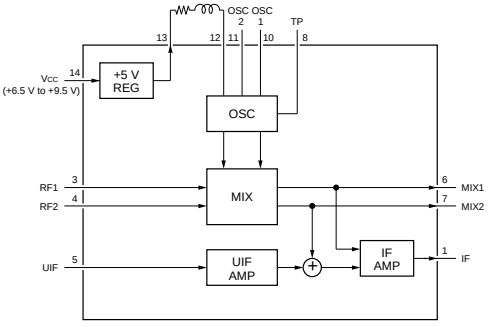
OPERATIONAL AMPLIFIER
— TOP VIEW —



CXA1165M(SONY)FLAT PACKAGE

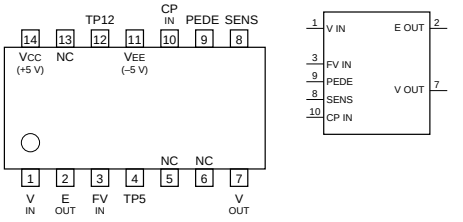
CATV VHF TUNER
— TOP VIEW —



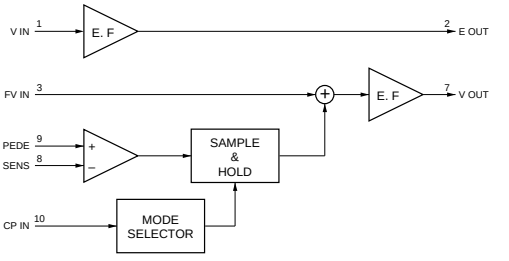


CXA1432M(SONY)FLAT PACKAGE

VIDEO SIGNAL CLAMPER
— TOP VIEW —



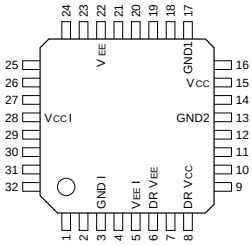
CP IN	; CLAMP PULSE INPUT
E OUT	; BUFFER AMP OUTPUT
FV IN	; FLOATING VIDEO SIGNAL INPUT
PEDE	; CLAMP LEVEL DC INPUT
SENS	; CLAMP POINT SIGNAL INPUT
TP5, TP12	; FOR TEST
V IN	; VIDEO SIGNAL INPUT
V OUT	; VIDEO SIGNAL OUTPUT



CXA1486Q (SONY)

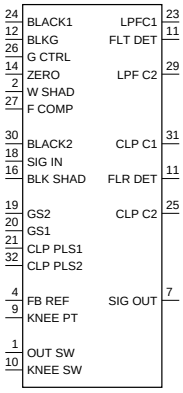
VIDEO AMPLIFIER FOR VIDEO CAMERA

- TOP VIEW -



VCC, VCC I, DR VCC, = (+5V)
VEE, VEE I, DR VEE, = (-2.5 to -5.5V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	OUT SW	17	–	GND1
2	I	W SHAD	18	I	SIG IN
3	–	GND I	19	I	GS2
4	I	FB REF	20	I	GS1
5	–	VEE I	21	I	CLP PLS1
6	–	DR VEE	22	–	VEE
7	O	SIG OUT	23	O	LPF C1
8	–	DR VCC	24	I	BLACK1
9	I	KNEE PT	25	O	CLP C2
10	I	KNEE SW	26	I	G CTRL
11	O	FLR DET	27	I	F COMP
12	I	BLKG	28	–	VCC I
13	–	GND2	29	O	LPF C2
14	I	ZERO	30	I	BLACK2
15	–	VCC	31	O	CLP C1
16	I	BLK SHAD	32	I	CLP PLS2

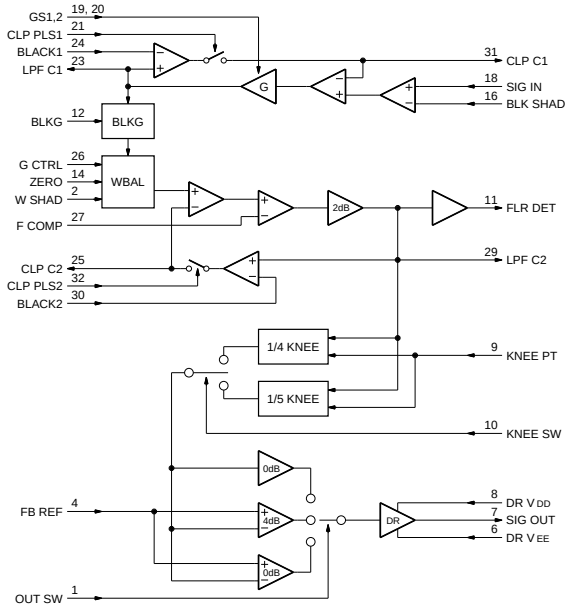


INPUT

BLACK1, 2	; FOR CLAMP DC COMPENSATION
BLKG	; BLANKING SIGNAL
BLK SHAD	; BLACK SHADING CORRECTION SIGNAL
CLP PLS1, 2	; CLAMP PULSE
F COMP	; FLARE COMPENSATION SIGNAL
FB REF	; OUTPUT 2 INVERT AMPLIFY DC ADJUST
G CTRL	; WHITE BALANCE GAIN CONTROL
GS1, 2	; GAIN SELECT
KNEE PT	; KNEE POINT
KNEE SW	; 1/4, 1/5 KNEE SELECT (4.5V=1/4 KNEE, 0V=1/5 KNEE)
OUT SW	; OUTPUT 3 AMPLIFY SELECT
SIG IN	; SIGNAL INPUT
W SHAD	; WHITE SHADING SIGNAL
ZERO	; VARIABLE GAIN AMPLIFY ZERO POINT ADJUST

OUTPUT

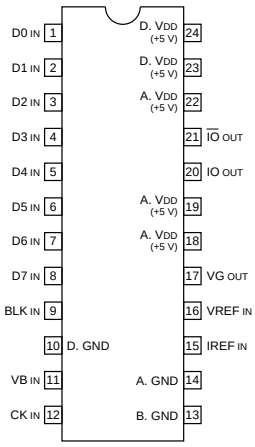
CLP C1, C2	; FOR CLAMP CAPACITANCE
FLR DET	; FLARE DETECT
LPF C1, C2	; CONNECT CAPACITANCE FOR LPF
SIG OUT	; SIGNAL OUTPUT

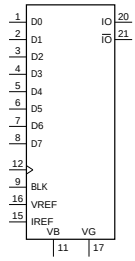


CXD1171M(SONY)FLAT PACKAGE

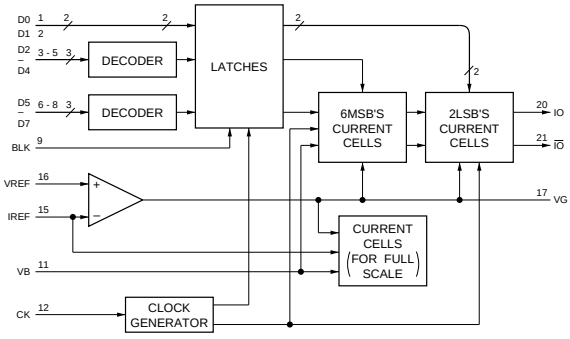
C-MOS 8-BIT D/A CONVERTER

— TOP VIEW —



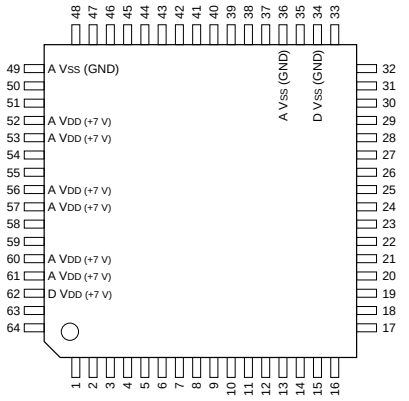


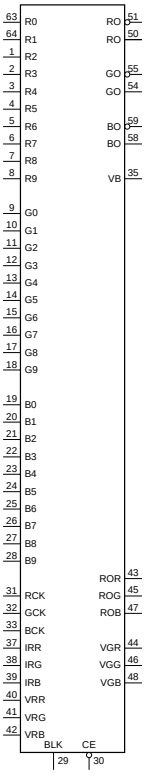
CK	; CLOCK INPUT
BLK	; BLANKING PULSE INPUT
D0 - 7	; DIGITAL DATA INPUT
IO	; CURRENT OUTPUT
$\overline{IO}$	; INVERT CURRENT OUTPUT
IREF	; CURRENT REFERENCE INPUT
VB, VG	; FOR CAPACITOR
VREF	; VOLTAGE REFERENCE INPUT



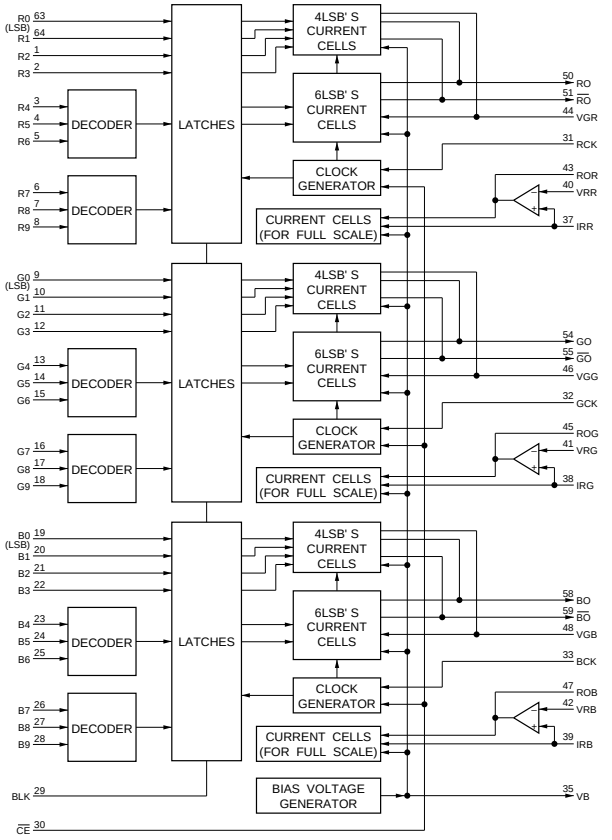
CXD2307R(SONY)FLAT PACKAGE

C-MOS 10-BIT 50MSPS RGB 3CHANNEL D/A CONVERTER
— TOP VIEW —



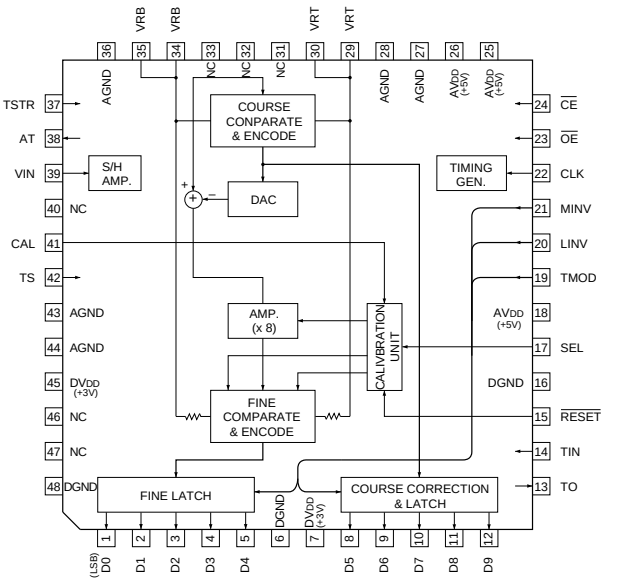


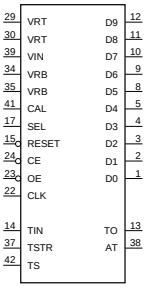
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	R2	17	I	G8	33	I	BCK	49	—	AVSS
2	I	R3	18	I	G9	34	—	DVSS	50	O	RO
3	I	R4	19	I	B0 (LSB)	35	O	VB	51	O	$\overline{RO}$
4	I	R5	20	I	B1	36	—	AVSS	52	—	AVDD
5	I	R6	21	I	B2	37	I	IRR	53	—	AVDD
6	I	R7	22	I	B3	38	I	IRG	54	O	GO
7	I	R8	23	I	B4	39	I	IRB	55	O	$\overline{GO}$
8	I	R9	24	I	B5	40	I	VRR	56	—	AVDD
9	I	G0 (LSB)	25	I	B6	41	I	VRG	57	—	AVDD
10	I	G1	26	I	B7	42	I	VRB	58	O	BO
11	I	G2	27	I	B8	43	I	ROR	59	O	$\overline{BO}$
12	I	G3	28	I	B9	44	I	VGR	60	—	AVDD
13	I	G4	29	I	BLK	45	I	ROG	61	—	AVDD
14	I	G5	30	I	$\overline{CE}$	46	I	VGG	62	—	DVDD
15	I	G6	31	I	RCK	47	I	ROB	63	I	R0 (LSB)
16	I	G7	32	I	GCK	48	I	VGB	64	I	R1



CXD2310R(SONY)

C-MOS 10-BIT 20MSPS VIDEO A/D CONVERTER
—TOP VIEW—





INPUT

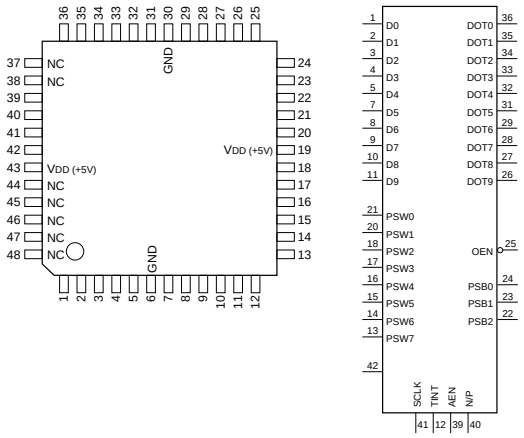
CAL	; CALIBRATION PULSE INPUT
CE	; CHIP ENABLE
CLK	; CLOCK
LINV	; OUTPUT (D0-D8) INVERSION
MINV	; OUTPUT (D9) INVERSION
OE	; DIGITAL DATA OUTPUT ENABLE
RESET	; CALIBRATION CIRCUIT RESET
SEL	; OUTPUT DATA (D5-D9) SELECT FOR CALIBRATION (4-CLOCK) HIGH; THROUGH OUTPUT, LOW; DATA FIXED AS WITH D0-D4
TIN	; TEST SIGNAL INPUT
TMOD	; TEST MODE
TS	; TEST SIGNAL INPUT
TSTR	; TEST SIGNAL INPUT
VRB	; REFERENCE BOTTOM VOLTAGE
VRT	; REFERENCE TOP VOLTAGE

OUTPUT

AT	; TEST SIGNAL OUTPUT
D0-D9	; DIGIRAL DATA OUTPUT
TO	; TEST PIN

CXK1203AR(SONY)FLAT PACKAGE

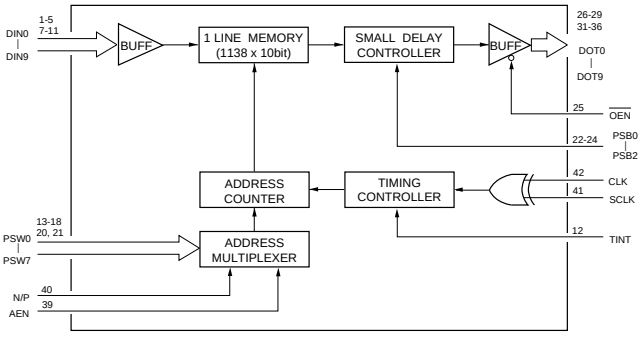
C-MOS DIGITAL LINE MEMORY
—TOP VIEW—



(VDD = +5V)

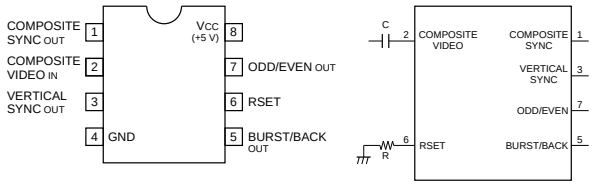
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	D0	13	I	PSW7	25	I	OEN	37	—	N.C
2	I	D1	14	I	PSW6	26	O	DOT9	38	—	N.C
3	I	D2	15	I	PSW5	27	O	DOT8	39	I	AEN
4	I	D3	16	I	PSW4	28	O	DOT7	40	I	N/P
5	I	D4	17	I	PSW3	29	O	DOT6	41	I	SCLK
6	—	GND	18	I	PSW2	30	—	GND	42	I	CLK
7	I	D5	19	—	VDD	31	O	DOT5	43	—	VDD
8	I	D6	20	I	PSW1	32	O	DOT4	44	—	N.C
9	I	D7	21	I	PSW0	33	O	DOT3	45	—	N.C
10	I	D8	22	I	PSB2	34	O	DOT2	46	—	N.C
11	I	D9	23	I	PSB1	35	O	DOT1	47	—	N.C
12	I	TINT	24	I	PSB0	36	O	DOT0	48	—	N.C

AEN	;	LINE MEMORY SELECT
CLK	;	CLOCK
DIN0-DIN9	;	VIDEO DATA INPUT
DOT0-DOT9	;	VIDEO DATA OUTPUT
N/P	;	NTSC/PAL/SECAM SELECT
OEN	;	OUTPUT ENABLE
PSB0-PSB2	;	DELAY STEP SELECT (1 BITxN)
PSW0-PSW7	;	DELAY STEP SELECT (8 BITxN)
SCLK	;	CLOCK EDGE SELECT
TINT	;	TEST

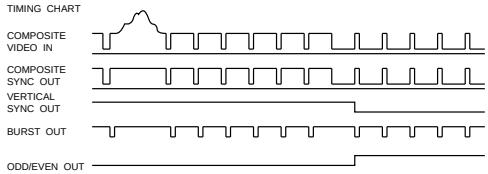


EL4581CS(ELT)FLAT PACKAGE

VIDEO SYNC SEPARATOR
— TOP VIEW —

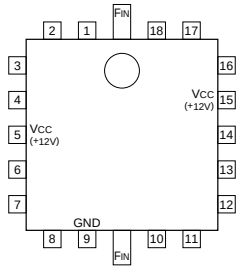


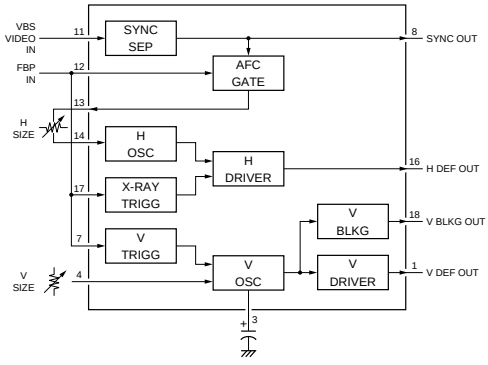
TIMING CHART



HA11423MP(HITACHI)FLAT PACKAGE

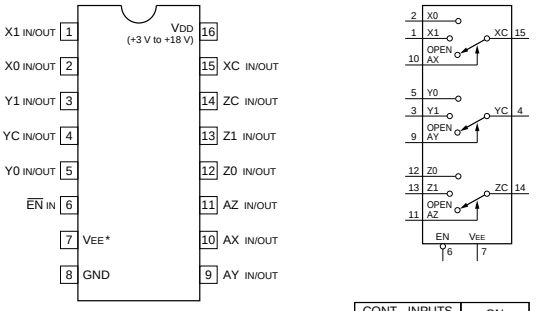
TV H/V SYNC SIGNAL PROCESSOR
-TOP VIEW-





HD14053BFP(HITACHI)FLAT PACKAGE

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXERS/DEMULTIPLEXERS
— TOP VIEW —



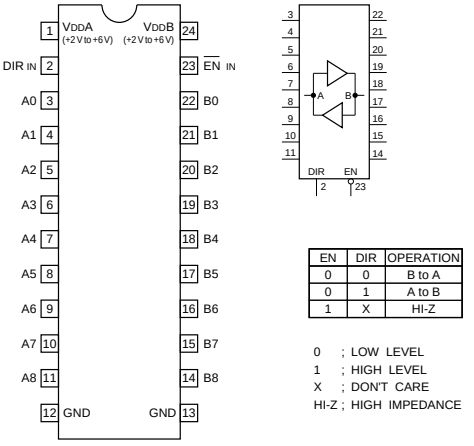
VEE*; VDD – VEE + 3 V + 18 V

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

CONT. INPUTS		ON CHANNEL
EN	A (X, Y, Z)	
0	0	0
0	1	1
1	X	OPEN

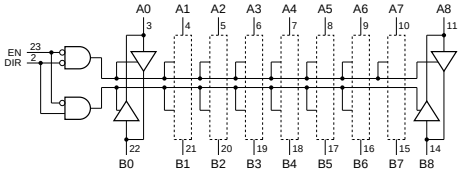
HD151015T(HITACHI)FLAT PACKAGE

C-MOS 9-BIT LEVEL SHIFTER/TRANSCEIVER WITH 3-STATE OUTPUTS
— TOP VIEW —



EN	DIR	OPERATION
0	0	B to A
0	1	A to B
1	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

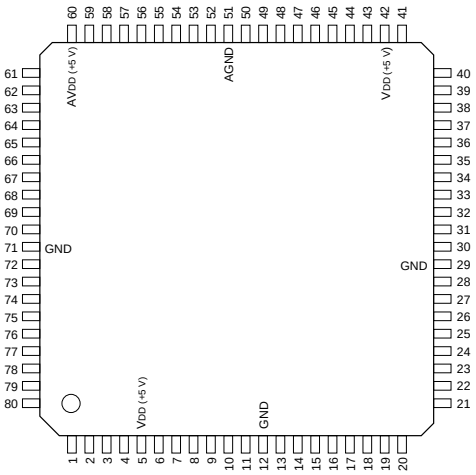


http://getMANUAL.com

HD6475328F10(HITACHI)

C-MOS 16-BIT MICROPROCESSOR

— TOP VIEW —



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I/O	P21/R/W	28	I/O	P47/A7	55	I/O	P83/AN3
2	I/O	P22/DS	29	—	GND	56	I/O	P84/AN4
3	I/O	P23/RD	30	I/O	P50/A8	57	I/O	P85/AN5
4	I/O	P24/WR	31	I/O	P51/A9	58	I/O	P86/AN6
5	—	VDD	32	I/O	P52/A10	59	I/O	P87/AN7
6	I	MD0	33	I/O	P53/A11	60	—	AVDD
7	I	MD1	34	I/O	P54/A12	61	I/O	P90/FTOA2
8	I	MD2	35	I/O	P55/A13	62	I/O	P91/FTOA3
9	I	STBY	36	I/O	P56/A14	63	I/O	P92/PW1
10	I	RES	37	I/O	P57/A15	64	I/O	P93/PW2
11	I	NMI	38	I/O	P60/A16	65	I/O	P94/PW3
12	—	GND	39	I/O	P61/A17	66	I/O	P95/TXD
13	I/O	P30/D0	40	I/O	P62/A18	67	I/O	P96/RXD
14	I/O	P31/D1	41	I/O	P63/A19	68	I/O	P97/SCK
15	I/O	P32/D2	42	—	VDD	69	I	EXTAL
16	I/O	P33/D3	43	I/O	P70/TMCI	70	I	XTAL
17	I/O	P34/D4	44	I/O	P71/FTI1	71	—	VSS
18	I/O	P35/D5	45	I/O	P72/FTI2	72	I/O	P10/ø
19	I/O	P36/D6	46	I/O	P73/FTI3/TMRI	73	I/O	P11/E
20	I/O	P37/D7	47	I/O	P74/FTOB1/FTCI1	74	I/O	P12/BACK
21	I/O	P40/A0	48	I/O	P75/FTOB2/FTCI2	75	I/O	P12/BREQ
22	I/O	P41/A1	49	I/O	P76/FTOB3/FTCI3	76	I/O	P12/WAIT
23	I/O	P42/A2	50	O	P77/FTOA1	77	I/O	P12/IRQ0
24	I/O	P43/A3	51	—	AGND	78	I/O	P12/IRQ1
25	I/O	P44/A4	52	I/O	P80/AN0	79	I/O	P12/TMO
26	I/O	P45/A5	53	I/O	P81/AN1	80	I/O	P12/AS
27	I/O	P46/A6	54	I/O	P82/AN2			

INPUT

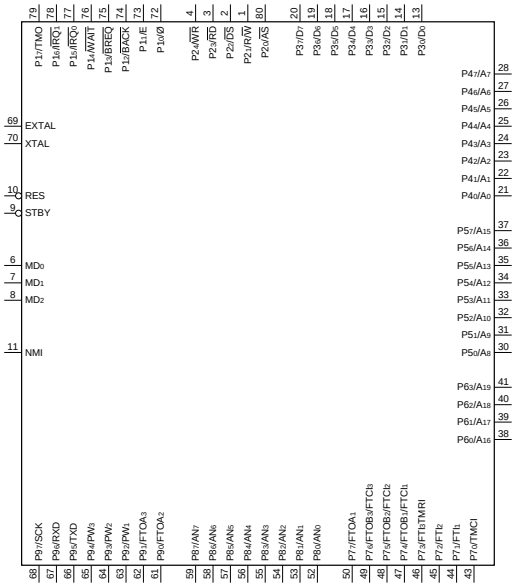
AN0-AN7	; ANALOG INPUT
BREQ	; BUS REQUEST
EXTAL	; CONNECTED TO CRYSTAL OSCILLATOR.
ETCI1-FTCI3	; FRT COUNTER CLOCK INPUT (CHANNEL 1 TO 3)
FTI1-FTI3	; FRT INPUT CAPTURE INPUT (CHANNEL 1 TO 3)
IRQ0, 1	; INTERRUPTION REQUEST 0 AND 1
MD0-MD2	; MODE SETTING
NMI	; NON MASKABLE INTERRUPTION
P80-P87	; PORT 8
RES	; RESET
RXD	; RECEIVE DATA
STBY	; STANDBY
TMCI	; 8-BIT TIMER CLOCK INPUT
TMRI	; 8-BIT TIMER COUNTER RESET INPUT
WAIT	; WAIT
XTAL	; CONNECTED TO CRYSTAL OSCILLATOR.

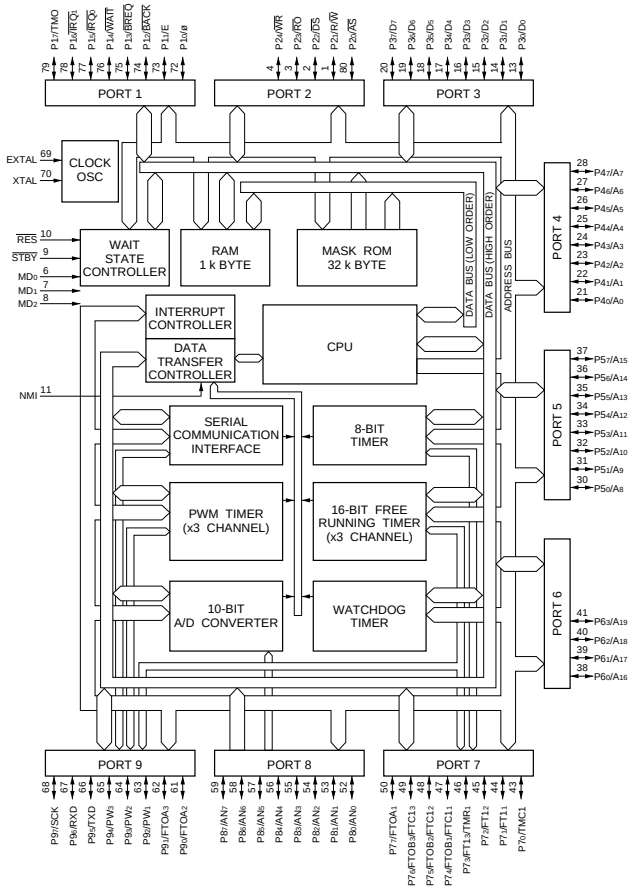
OUTPUT

A0-A19	; ADDRESS BUS
AS	; ADDRESS STROBE
BACK	; BUS REQUEST ACKNOWLEDGE
DS	; DATA STROBE
E	; ENABLE CLOCK
FTOA1-FTOA3	; FRT OUTPUT COMPARE A OUTPUT (CHANNEL 1 TO 3)
FTOB1-FTOB3	; FRT OUTPUT COMPARE B OUTPUT (CHANNEL 1 TO 3)
PW1-PW3	; PWM TIMER OUTPUT (CHANNEL 1 TO 3)
R/W	; READ/WRITE
RD	; READ
TMO	; 8-BIT TIMER OUTPUT
TXD	; SEND DATA
WR	; WRITE
ø	; SYSTEM CLOCK

INPUT/OUTPUT

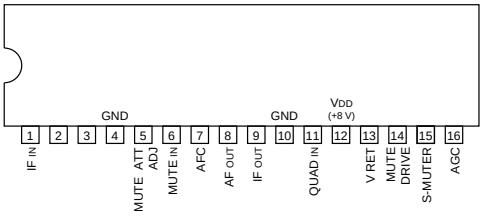
D0-D7	; DATA BUS
P10-P17	; PORT 1
P20-P24	; PORT 2
P30-P37	; PORT 3
P40-P47	; PORT 4
P50-P57	; PORT 5
P60-P63	; PORT 6
P70-P77	; PORT 7
P90-P97	; PORT 9
SCK	; SERIAL CLOCK INPUT/OUTPUT

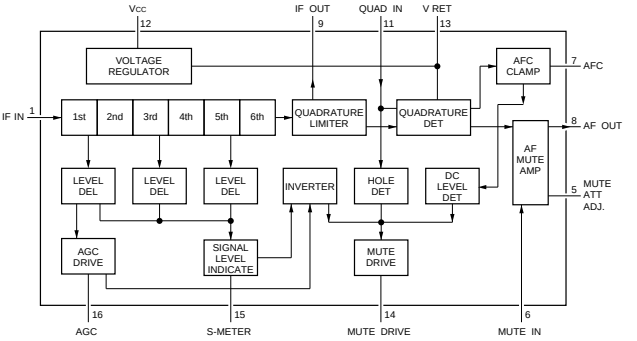




LA1140(SANYO)

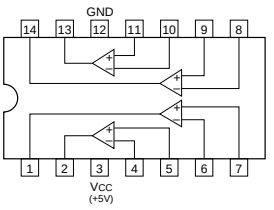
IF AMP, LIMITTER, DETECTOR, MUTING, + FM CS
— PRINTED SIDE VIEW —





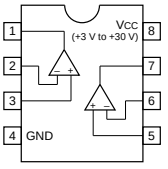
LM339NS(TI)FLAT PACKAGE
LM339PW(TI)FLAT PACKAGE–

QUAD COMPARATORS
—TOP VIEW—



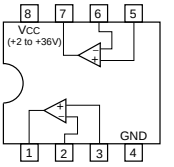
LM358PS(TI)FLAT PACKAGE
UPC358G2(NEC)FLAT PACKAGE

DUAL OPERATIONAL AMPLIFIERS
— TOP VIEW —



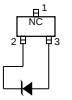
LM393PS(TI)FLAT PACKAGE
UPC393G2(NEC)FLAT PACKAGE

DUAL VOLTAGE COMPARATORS
—TOP VIEW—



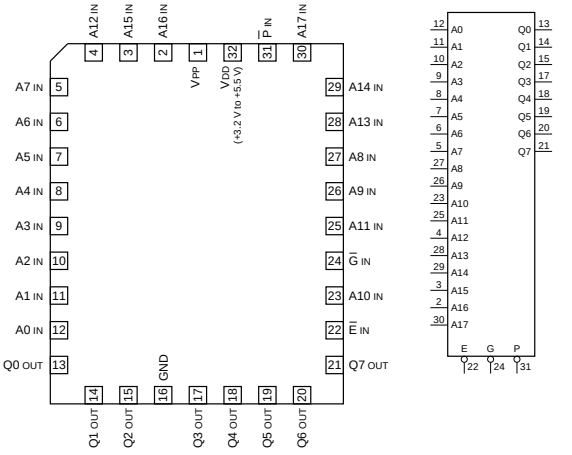
LM4040BIM3X(NS)

PRECISION MICROPOWER SHUNT VOLTAGE REFERENCE
— TOP VIEW —



M27V201-200L6(SGS)CHIP CARRIER

C-MOS 2M (256×8) -BIT UV ERASABLE PROM AND OTP ROM
— TOP VIEW —



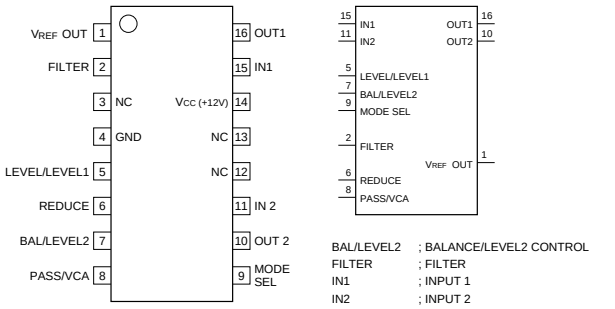
A0 - A17 ; ADDRESS INPUTS
Q0 - Q7 ; DATA OUTPUTS
$\overline{E}$; CHIP ENABLE INPUT
$\overline{G}$; OUTPUT ENABLE INPUT
$\overline{P}$; PROGRAM INPUT
VPP ; PROGRAM SUPPLY (12.75 V)

MODE	E	G	E	E	E	Q0 -Q7
READ	0	0	X	X	X	DATA OUT
OUTPUT DISABLE	0	1	X	X	X	HI-Z
PROGRAM	0	1	⊓	X	VPP	DATA IN
VERIFY	0	0	1	X	VPP	DATA OUT
PROGRAM INHIBIT	1	X	X	X	VPP	HI-Z
STANDBY	1	X	X	X	X	HI-Z
ELECTRONIC SIGNATURE	0	0	1	VID	VDD	CODES

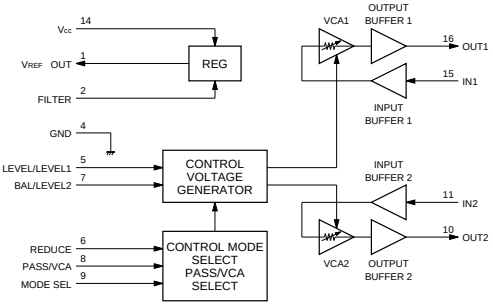
0 ; INPUT LOW VOLTAGE
1 ; INPUT HIGH VOLTAGE
X ; DON'T CARE
VID ; 12 V ± 0.5 V
HI-Z ; HIGH IMPEDANCE

M51132FP(MITSUBISHI)FLAT PACKAGE

2-CHANNEL ELECTRONIC LEVEL CONTROL
—TOP VIEW—

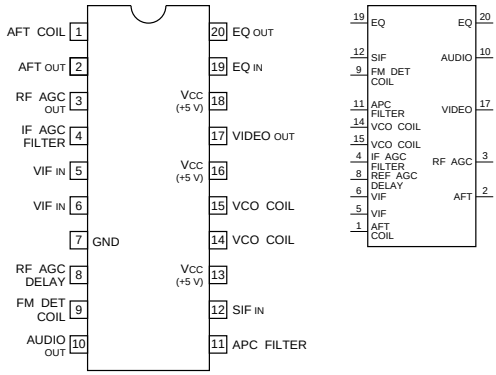


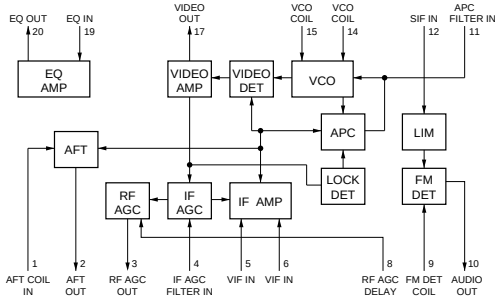
BAL/LEVEL2	; BALANCE/LEVEL2 CONTROL
FILTER	; FILTER
IN1	; INPUT 1
IN2	; INPUT 2
MODE SEL	; MODE SELECT
OUT1	; OUTPUT 1
OUT2	; OUTPUT 2
PASS/VCA	; PASS/VCA CONTROL SWITCH
REDUCE	; SWITCHING NOISE REDUCE
LEVEL/LEVEL1	; LEVEL/LEVEL1 CONTROL
V REF OUT	; REFERENCE VOLTAGE OUTPUT



M52313SP(MITSUBISHI)

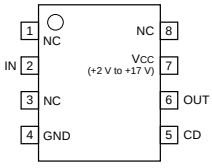
PLL VIF/SIF
— TOP VIEW —

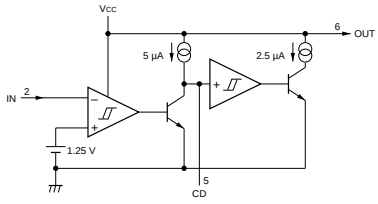




M51958A(MITSUBISHI)FLAT PACKAGE

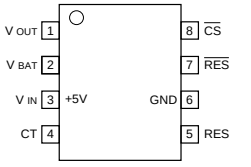
VOLTAGE DETECT DELAY
— TOP VIEW —

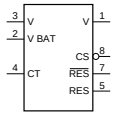




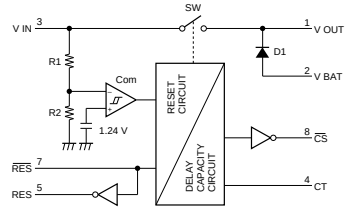
M62021FP(MITSUBISHI)FLAT PACKAGE

SELECTION SW BUILT-IN SYSTEM RESET
— TOP VIEW —



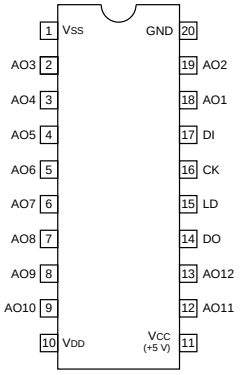


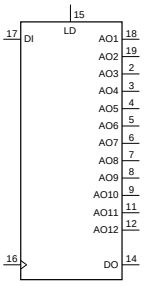
CS	; CHIP SELECT OUTPUT
CT	; DELAY CAPACITY INPUT
RES	; RESET OUTPUT
VBAT	; VIDEO SIGNAL BACKUP INPUT
VIN	; VIDEO SIGNAL INPUT
VOUT	; VIDEO SIGNAL OUTPUT



M62352GP(MITSUBISHI)FLAT PACKAGE

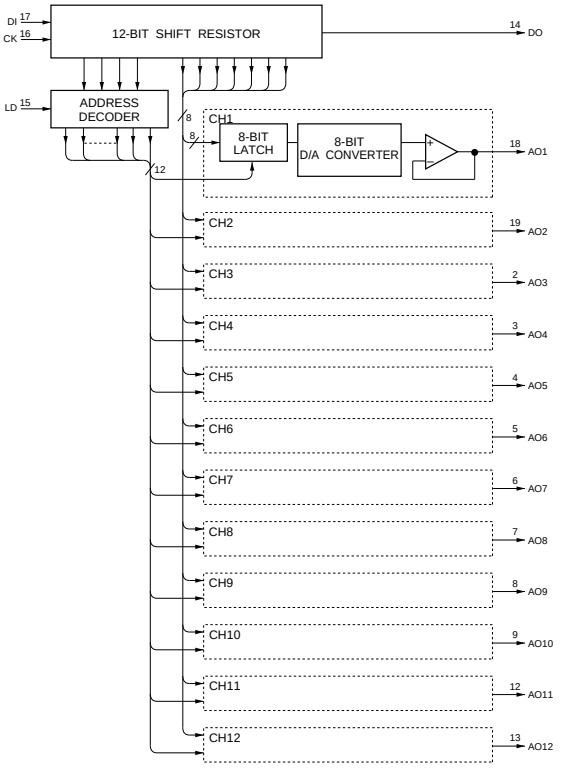
C-MOS 8-BITx12 CHANNEL D/A CONVERTER
(WITH BUFFER OPERATIONAL AMPLIFIER)
— TOP VIEW —





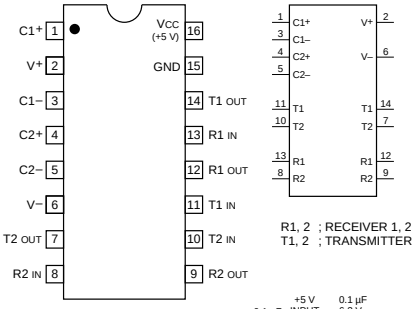
AO1-AO12 ; 8-BIT D/A OUTPUTS
CK ; CLOCK INPUT
DI ; SERIAL DATA INPUT
DO ; DATA OUTPUT

NOTE:
3.5 V < V_{DD} < V_{CC}
–3.5 V < V_{SS} < V_{CC}

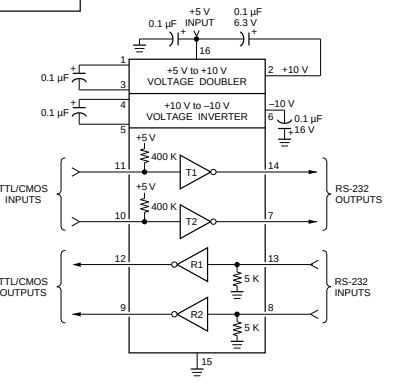


MAX202CSE(MAXIM)

RS-232 TRANSMITTER/RECEIVER
— TOP VIEW —

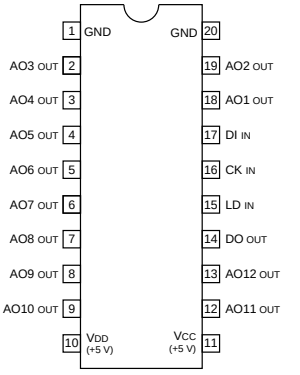


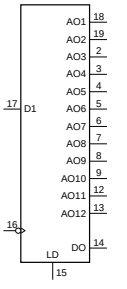
R1, 2 ; RECEIVER 1, 2
T1, 2 ; TRANSMITTER 1, 2



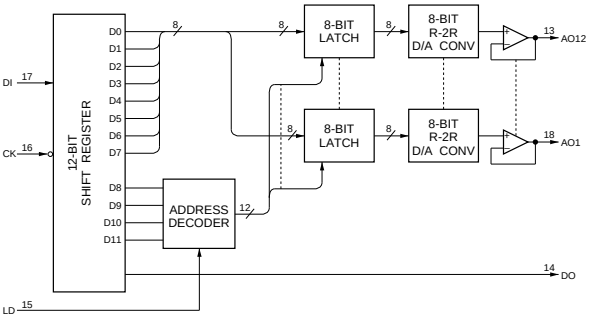
MB88346BPFV(FUJITSU)FLAT PACKAGE(SMALL)

C-MOS 8-BIT D/A CONVERTER
— TOP VIEW —



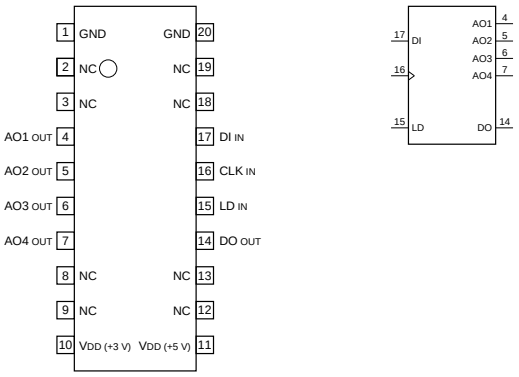


AO1 - AO12 ; 8-BIT D/A OUTPUTS
CK ; CLOCK INPUT
DI ; SERIAL DATA INPUT
DO ; DATA OUTPUT
LD ; DATA LOAD CONTROL INPUT (H ; LOAD)



MB88351PFV(FUJITSU)FLAT PACKAGE

C-MOS 12-BIT D/A CONVERTER WITH OPERATIONAL AMPLIFIER
— TOP VIEW —

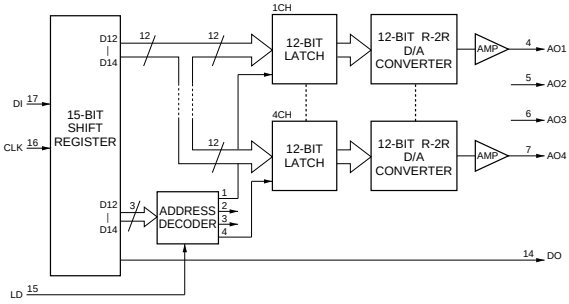


INPUT
CLK ; SHIFT CLOCK
DI ; SERIAL DATA
LD ; DECODER AND D/A REGISTER TO LOAD

OUTPUT
AO1-AO4 ; ANALOG DATA
DO ; MBS BIT DATA IN 15-BIT SHIFT REGISTER

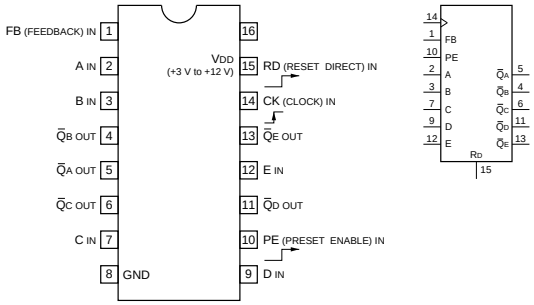
D12	D13	D14	ADDRESS SELECT
0	0	0	DON'T CARE
0	0	1	AO1 SELECT
0	1	0	AO2 SELECT
0	1	1	AO3 SELECT
1	0	0	AO4 SELECT
1	0	1	DON'T CARE
1	1	0	DON'T CARE
1	1	1	DON'T CARE

0 ; LOW LEVEL
1 ; HIGH LEVEL



MC14018BF(MOTOROL)FLAT PACKAGE

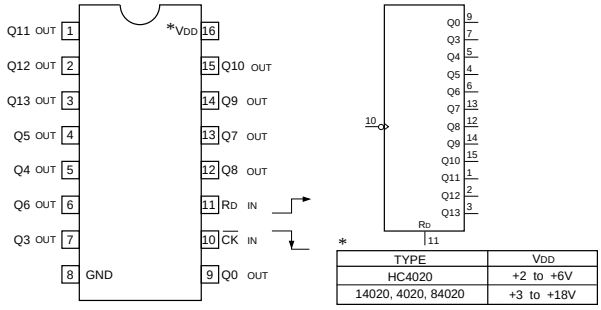
C-MOS PRESETTABLE DIVIDE-BY-N COUNTER
— TOP VIEW —



DIVIDE BY	CONNECT TO FB INPUT	VIA	RESULTS FROM EACH $\overline{Q}$ OUTPUT
10	$\overline{Q}_E$	DIRECT	5 COUNTS HIGH, 5 COUNTS LOW
9	$\overline{Q}_D$, $\overline{Q}_E$	AND GATE	5 COUNTS HIGH, 4 COUNTS LOW
8	$\overline{Q}_D$	DIRECT	4 COUNTS HIGH, 4 COUNTS LOW
7	$\overline{Q}_C$, $\overline{Q}_D$	AND GATE	4 COUNTS HIGH, 3 COUNTS LOW
6	$\overline{Q}_C$	DIRECT	3 COUNTS HIGH, 3 COUNTS LOW
5	$\overline{Q}_B$, $\overline{Q}_C$	AND GATE	3 COUNTS HIGH, 2 COUNTS LOW
4	$\overline{Q}_B$	DIRECT	2 COUNTS HIGH, 2 COUNTS LOW
3	$\overline{Q}_A$, $\overline{Q}_B$	AND GATE	2 COUNTS HIGH, 1 COUNTS LOW
2	$\overline{Q}_A$	DIRECT	1 COUNTS HIGH, 1 COUNTS LOW

MC14020BF(MOTOROLA)FLAT PACKAGE

C-MOS 14-STAG RIPPLE-CARRY BINARY COUNTER/DRIVER
—TOP VIEW—



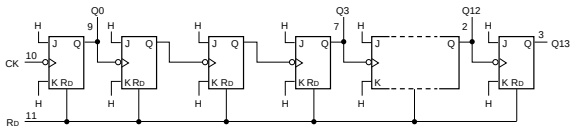
TYPE	VDD
HC4020	+2 to +6V
14020, 4020, 84020	+3 to +18V

COUNT		BINARY OUTPUTS											
		Q13	Q12	Q11	Q10	Q9	Q8	Q7	Q6	Q5	Q4	Q3	Q0
0	0000	0	0	0	0	0	0	0	0	0	0	0	0
1	0001	0	0	0	0	0	0	0	0	0	0	0	1
2	0002	0	0	0	0	0	0	0	0	0	0	0	0
3	0003	0	0	0	0	0	0	0	0	0	0	0	1
4	0004	0	0	0	0	0	0	0	0	0	0	0	0
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
16380	4FFC	1	1	1	1	1	1	1	1	1	1	1	0
16381	4FFD	1	1	1	1	1	1	1	1	1	1	1	1
16382	4FFE	1	1	1	1	1	1	1	1	1	1	1	0
16383	4FFF	1	1	1	1	1	1	1	1	1	1	1	1

IN HEXADECIMAL
IN DECIMAL

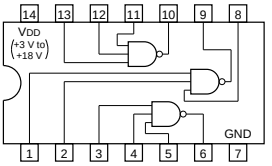
0 ; LOW LEVEL
1 ; HIGH LEVEL

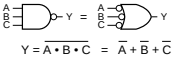
RD	Q13-Q0
1	ALL LOW
0	COUNT



MC14023BF(MOTOROLA)FLAT PACKAGE

C-MOS 3-INPUT NAND GATE
— TOP VIEW —



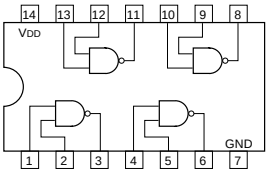


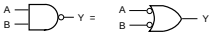
A	B	C	Y
X	X	0	1
X	0	X	1
0	X	X	1
1	1	1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

MC74HC00AF(MOTOROLA)FLAT PACKAGE
TC74HC00AF(TOSHIBA)FLAT PACKAGE
TC74VHC00FS(EL)(TOSHIBA)FLAT PACKAGE(SMALL)

C-MOS QUAD 2-INPUT NAND GATES
—TOP VIEW—





A	B	Y
0	0	1
0	1	1
1	0	1
1	1	0

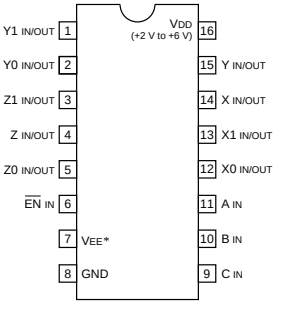
0 ; LOW LEVEL
1 ; HIGH LEVEL

NOTE:

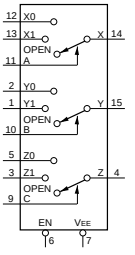
TYPE	VDD
TC74AC00 TYPE TC74VHC00	+2 to +5.5V
MC74HCT00N	+5V
74ACT00 TYPE	+4.5 to +5.5V
OTHER TYPES	+2 to +6V

MC74HC4053F(MOTOROLA)FLAT PACKAGE
TC74HC4053AFS(TOSHIBA)FLAT PACKAGE

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
— TOP VIEW —



VEE*; VDD – VEE = +3 V to +12 V
VEE ≦ GND

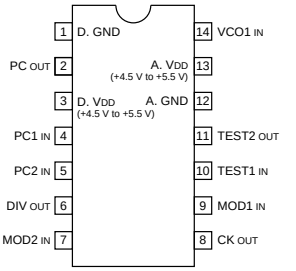


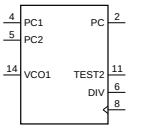
CONTROL INPUTS				ON CHANNEL		
EN	SELECT					
	C	B	A			
0	0	0	0	Z0	Y0	X0
0	0	0	1	Z0	Y0	X1
0	0	1	0	Z0	Y1	X0
0	0	1	1	Z0	Y1	X1
0	1	0	0	Z1	Y0	X0
0	1	0	1	Z1	Y0	X1
0	1	1	0	Z1	Y1	X0
0	1	1	1	Z1	Y1	X1
1	X	X	X	OPEN		

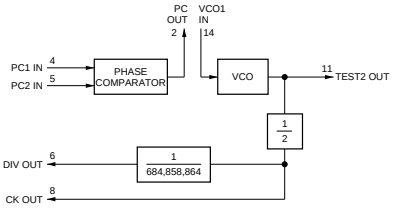
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

MN6790S(MATSUSHITA)

C-MOS CLOCK GENERATOR
— TOP VIEW —







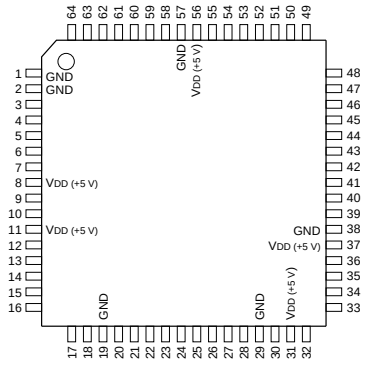
MOD1	MOD2	FREQUENCY RATIO	VCO	MOTE
0	0	1/684	OSCILLATION	——
1	0	1/858		
0	1	1/864		
1	1	——	STANDSTILL	CK = DIV = L

0 ; LOW LEVEL
1 ; HIGH LEVEL

MN8232A(MATSUSHITA)

PICTURE IN PICTURE/PICTURE OUT PICTURE CONTROLLER

— TOP VIEW —

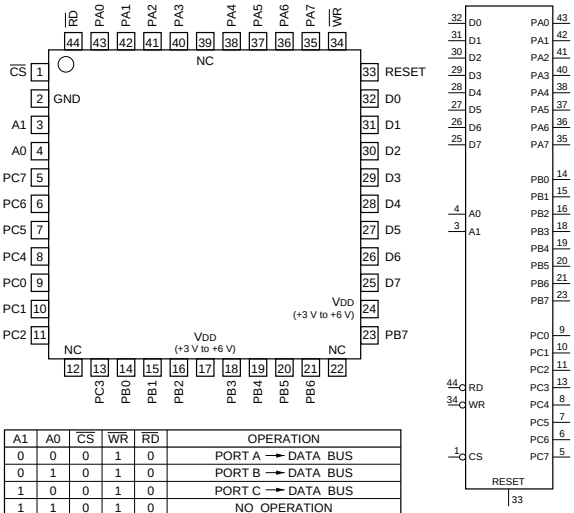


PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	—	GND	17	O	RY	33	O	YS	49	O	RAS
2	—	GND	18	O	BY	34	I	HP	50	O	WE
3	—	VRB	19	—	GND	35	O	PPC	51	O	DT
4	I	TEST0	20	I	RST	36	I	PVC	52	O	SC
5	I	Y	21	I	SCL	37	—	VDD	53	I	LEV1
6	I	RY	22	O	SDA	38	—	GND	54	I	LEV0
7	I	BY	23	I	VPD	39	O	A0	55	I	DI3
8	—	VDD	24	I	VCD	40	O	A1	56	—	VDD
9	—	VRT	25	I	CKCNT	41	O	A2	57	—	GND
10	I	TEST1	26	I	CVC	42	O	A3	58	I	DI2
11	—	VDD	27	O	CPC	43	O	A4	59	I	DI1
12	I	IREF	28	I	HC	44	O	A5	60	I	DI0
13	I	VREF	29	—	GND	45	O	A6	61	I/O	DO3
14	O	Y	30	I	IREFVC	46	O	A7	62	I/O	DO2
15	I	COMP	31	—	VDD	47	O	A8	63	I/O	DO1
16	I	VIB	32	O	CLAMP	48	O	CAS	64	I/O	DO0

MSM82C55A-2GS(OKI)FLAT PACKAGE

C-MOS PROGRAMMABLE PERIPHERAL INTERFACE

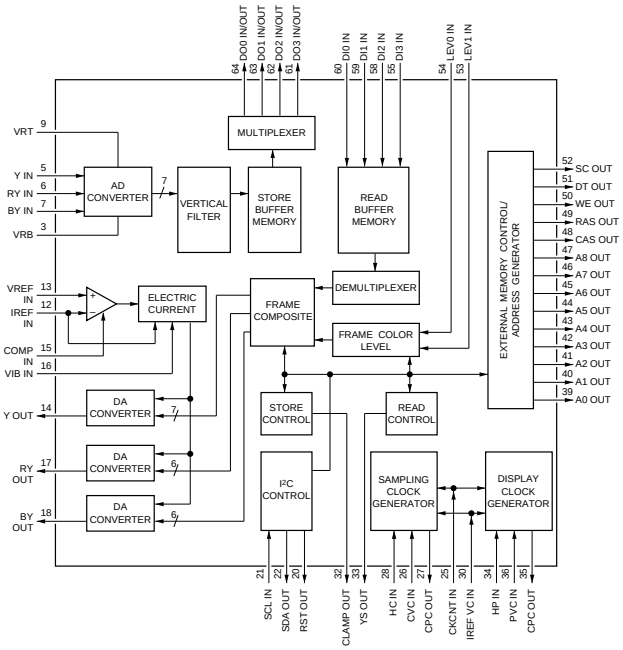
— TOP VIEW —

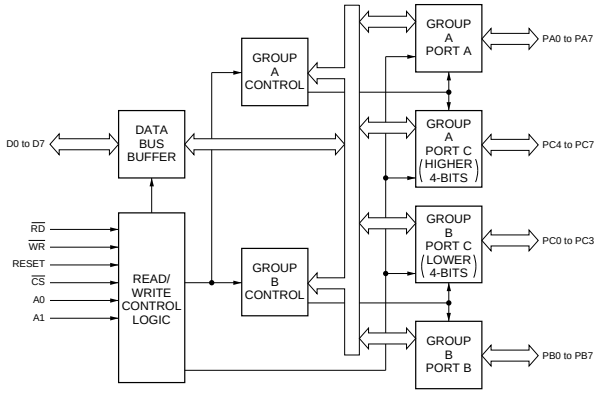


A1	A0	$\overline{CS}$	$\overline{WR}$	$\overline{RD}$	OPERATION
0	0	0	1	0	PORT A → DATA BUS
0	1	0	1	0	PORT B → DATA BUS
1	0	0	1	0	PORT C → DATA BUS
1	1	0	1	0	NO OPERATION
0	0	0	0	1	DATA BUS → PORT A
0	1	0	0	1	DATA BUS → PORT B
1	0	0	0	1	DATA BUS → PORT C
1	1	0	0	1	DATA BUS → CONTROL REGISTER
X	X	1	X	X	HIGH IMPEDANCE

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

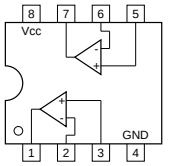
A0, A1 ; PORT SELECT ADDRESS
$\overline{CS}$; CHIP SELECT
D0 to 7 ; DATA BUS
PA0 to 7 ; PORT A IN/OUT
PB0 to 7 ; PORT B IN/OUT
PC0 to 7 ; PORT C IN/OUT
$\overline{RD}$; READ
$\overline{WR}$; WRITE





NJM3414AM(SNM)FLAT PACKAGE

DUAL OPERATIONAL AMPLIFIER
— TOP VIEW —

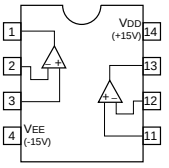


NOTE:

TYPE	Vcc
TA75358P	+12V
NJM3414M RC3414M	+15V
M5223FP	+36V

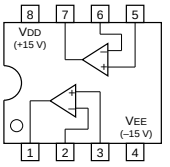
NJM4556AM-A(NEC)FLAT PACKAGE

OPERATIONAL AMPLIFIER
(WIDE BAND, DECOMPENSATED)
—TOP VIEW—



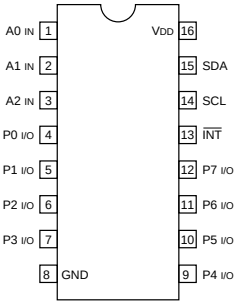
NJM4558V(JRC)FLAT PACKAGE
NJU7022M(JRC)FLAT PACKAGE

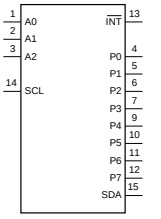
DUAL OPERATIONAL AMPLIFIER
— TOP VIEW —



PCF8574AT(PHILIPS)
PCF8574T(PHILIPS)

C-MOS REMOTE 8-BIT I/O EXPANDER
— TOP VIEW —

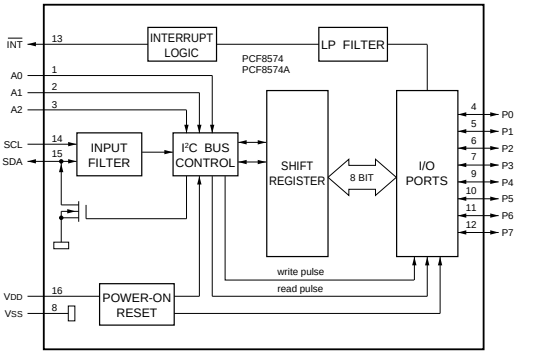




INPUT
A0 - A2 ; ADDRESS INPUTS
SCL ; SYSTEM CLOCK LINE

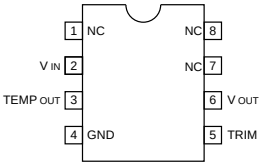
OUTPUT
INT ; INTERRUPT OUTPUT
SDA ; SERIAL DATA LINE

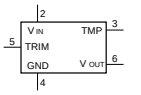
INPUT/OUTPUT
P0 - P7 ; 8-BITS QUASI-BIDIRECTIONAL I/O PORT



REF-03GS(PMI)

REFERENCE/TEMPERATURE TRANSDUCER
— TOP VIEW —



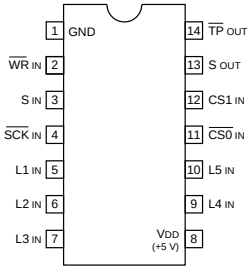


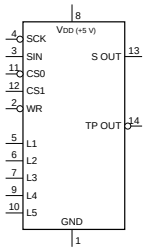
V IN ; INPUT VOLTAGE (+4.5 V to +33 V)
TEMP OUT ; TEMPERATURE TRANSDUCER VOLTAGE OUTPUT
TRIM IN ; OUTPUT SIGNAL TRIMMING
V OUT ; OUTPUT VOLTAGE (+2.5 V)

RTC4553B(EPSON)

C-MOS REAL TIME CLOCK

— TOP VIEW —



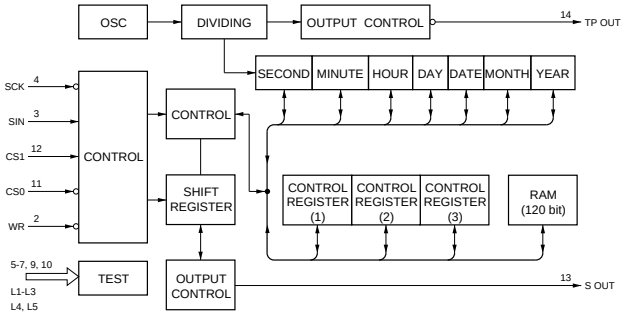


INPUT

CS0	; CHIP SELECT (L: ACCESS ENABLE, H: SOUT HIGH Z)
CS1	; POWER DOWN DETECTION
L1-L5	; TEST IN
SCK	; SERIAL SYNC SIGNAL
SIN	; SERIAL ADDRESS/DATA
WR	; WRITING SELECT (L: WRITING, H: READING)

OUTPUT

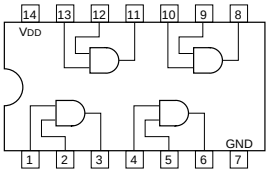
SOUT	; SERIAL ADDRESS/DATA
TPOUT	; REFERENCE SIGNAL

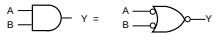


SN74HC08ANS(TI)FLAT PACKAGE
SN74HC08APW(TI)FLAT PACKAGE
TC74VHC08FS(EL)(TOSHIBA)FLAT PACKAGE(SMALL)

C-MOS QUAD 2-INPUT AND GATES

—TOP VIEW—





$Y = A \cdot B = \overline{\overline{A} + \overline{B}}$

A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

0 ; LOW LEVEL
1 ; HIGH LEVEL

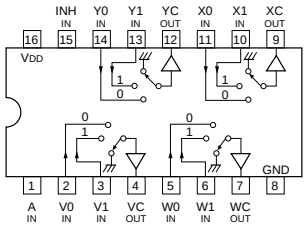
NOTE:

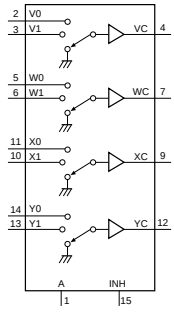
TYPE	VDD
TC74AC08 TYPE MC74ACT08M	+2 to +5.5V
TC40H	+2 to +8V
OTHER TYPES	+2 to +6V

SN74HC157APW(TI)FLAT PACKAGE
TC74VHC157FS(TOSHIBA)FLAT PACKAGE(SMALL)

C-MOS QUAD 2-LINE-TO-1-LINE DATA SELECTOR/ DEMULTIPLEXER

—TOP VIEW—





NOTE:

TYPE	VDD
74ACT/74FCT	+5V
TC74AC157P TC74AC157	+2 to +5.5V
TC40H	+2 to +8V
OTHER TYPES	+2 to +6V

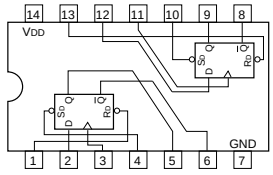
CONT.IN		ON CHANNEL
INH	A	
0	0	0
0	1	1
1	X	GND

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

SN74HC74ANS(TI)FLAT PACKAGE
TC74VHC74F(TOSHIBA)FLAT PACKAGE
TC74VHC74FS(EL)(TOSHIBA)FLAT PACKAGE(SMALL)

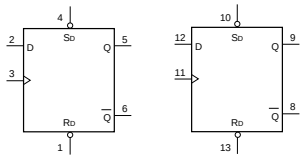
C-MOS DUAL D-TYPE FLIP-FLOPS WITH DIRECT SET/RESET

—TOP VIEW—



INPUTS				OUTPUTS	
$\overline{SD}$	$\overline{RD}$	CK	D	Qn+1	$\overline{Qn+1}$
0	1	X	X	1	0
1	0	X	X	0	1
0	0	X	X	1	1
1	1	↑	1	1	0
1	1	↑	0	0	1
1	1	0	X	Qn	$\overline{Qn}$

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE



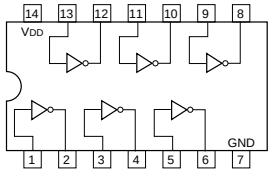
NOTE:

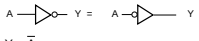
TYPE	VDD
HCT/ACT	+5V
TC74AC/VHC	+2 to +5.5V
OTHERS	+2 to +6V

SN74HCT04APW(TOSHIBA)FLAT PACKAGE
TC74VHC04FS(EL)(TOSHIBA)FLAT PACKAGE(SMALL)

C-MOS HEX INVERTERS

—TOP VIEW—





$Y = \overline{A}$

A	Y
0	1
1	0

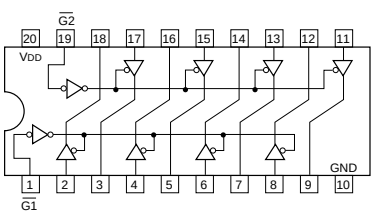
0 ; LOW LEVEL
1 ; HIGH LEVEL

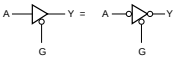
NOTE:

TYPE	VDD
74HCT04 TYPE	+5V
TC74AC04 TYPE TC74VHC04 TYPE	+2 to +5.5V
74ACT04 TYPE	+4.5 to +5.5V
OTHER TYPES	+2 to +6V

SN74HCT244APW-E05(TI)FLAT PACKAGE
TC74VHC244FS(EL)(TOSHIBA)FLAT PACKAGE(SMALL)

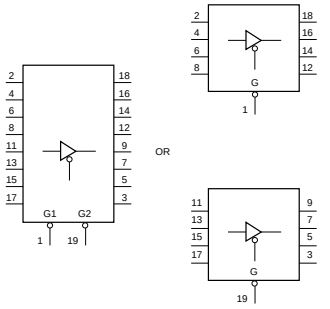
C-MOS BUS BUFFER WITH 3-STATE OUTPUTS
—TOP VIEW—





G	A	Y
0	0	0
0	1	1
X	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

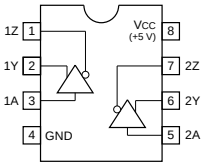


NOTE:

TYPE	VDD
AC HC 40H	+2 to +6V
ACT BCT FCT HCT	+5V
TC74AC244 TYPE TC74VHC244	+2 to +5.5V

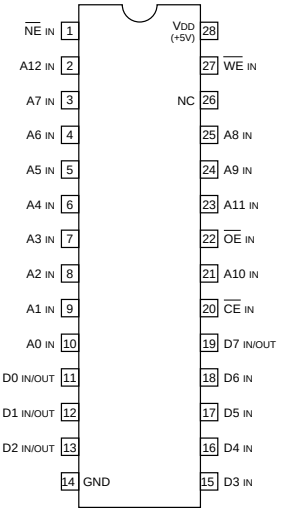
SN75158PS(TI)

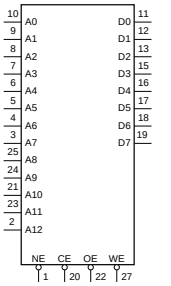
DUAL DIFFERENTIAL LINE DRIVE
— TOP VIEW —



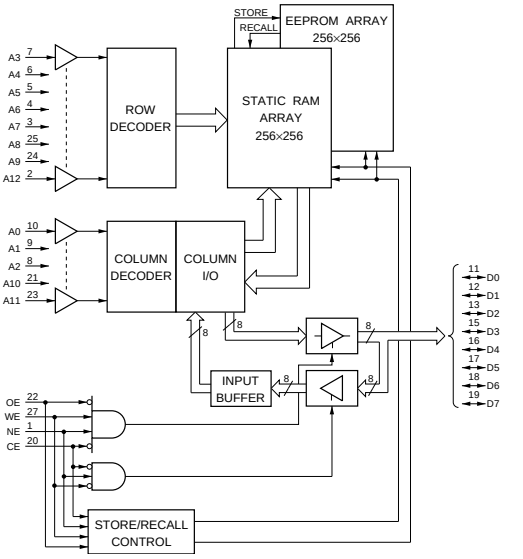
STK10C68-5S35(SIMTEK)FLAT PACKAGE

C-MOS 8K×8-BIT NONVOLATILE STATIC RAM
— TOP VIEW —



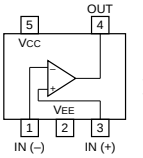


A0 - A12 ; ADDRESS INPUTS
$\overline{CE}$; CHIP ENABLE INPUT
D0 - D7 ; DATA INPUTS/OUTPUTS
$\overline{NE}$; NONVOLATILE ENABLE INPUT
$\overline{OE}$; OUTPUT ENABLE INPUT
$\overline{WE}$; WRITE ENABLE INPUT



TA75S393F(TOSHIBA)

SINGLE COMPARATOR
— TOP VIEW —



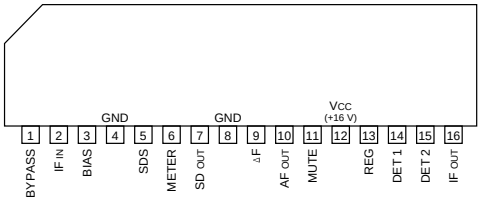
VCC ; +1 V to +18 V or +2 V to +36 V
VEE ; –1 V to –18 V

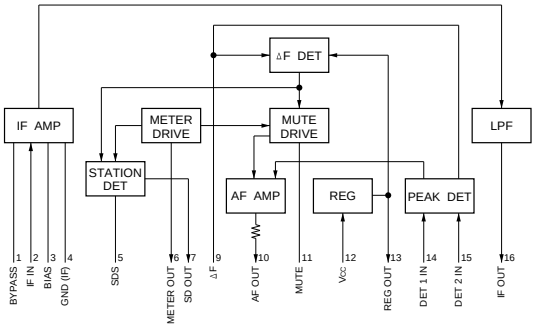
http://getMANUAL.com

TA8129Z(TOSHIBA)

FM IF SYSTEM (DIFFERENTIAL PEAK DETECT)

— SIDE VIEW —

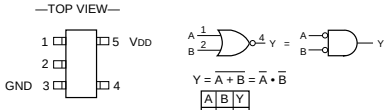




TC4S01F(TOSHIBA)CHIP PACKAGE
TC7S02FU(TOSHIBA)CHIP PACKAGE
TC7SH02FU(TOSHIBA)CHIP PACKAGE

C-MOS 2-INPUT NOR GATE

—TOP VIEW—



A	B	Y
0	0	1
0	1	0
1	0	0
1	1	0

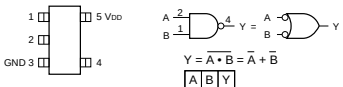
0 ; LOW LEVEL
1 ; HIGH LEVEL

TYPE	VDD
4S01F	+3 to +18V
7S02F 7S02FU 7SH02FU	+2 to +6V

TC4S11F(TOSHIBA)CHIP PACKAGE
TC7S00FU(TOSHIBA)CHIP PACKAGE

C-MOS 2-INPUT NAND GATE

— TOP VIEW —



A	B	Y
0	0	1
0	1	1
1	0	1
1	1	0

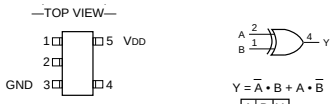
0 ; LOW LEVEL
1 ; HIGH LEVEL

TYPE	VDD
7S00F 7S00FU	+2 to +6 V
4S11F 4SU11F	+3 to +18 V
7SH00FU	+2 to +5.5 V

TC4S30F(TOSHIBA)CHIP PACKAGE
TC7S86FU(TOSHIBA)CHIP PACKAGE

C-MOS 2-INPUT EXCLUSIVE OR GATE

—TOP VIEW—



A	B	Y
0	0	0
0	1	1
1	0	1
1	1	0

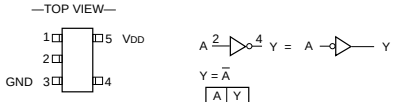
0 ; LOW LEVEL
1 ; HIGH LEVEL

TYPE	VDD
7S86FU 7S86F	+2 to +6V
4S30F	+3 to +18V

TC4S69F(TOSHIBA)CHIP PACKAGE
TC4SU69F(TOSHIBA)CHIP PACKAGE
TC7S04FU(TOSHIBA)CHIP PACKAGE
TC7SH04FU(TOSHIBA)CHIP PACKAGE

C-MOS INVERTER

—TOP VIEW—



A	Y
0	1
1	0

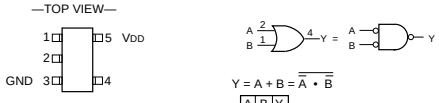
0 ; LOW LEVEL
1 ; HIGH LEVEL

TYPE	VDD
7S04F 7SU04F 7SU04FU	+2 to +6V
4S69F 4SU69F	+3 to +18V
7SH04FU	+2 to +5.5V

TC4S71F(TOSHIBA)CHIP PACKAGE
TC7S32FU(TOSHIBA)CHIP PACKAGE
TC7SH32FU(TOSHIBA)CHIP PACKAGE

C-MOS 2-INPUT OR GATE

—TOP VIEW—



A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

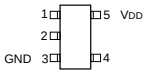
0 ; LOW LEVEL
1 ; HIGH LEVEL

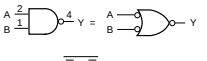
TYPE	VDD
7S32F 7S32FU	+2 to +6V
4S71F	+3 to +18V
7SH32FU	−2 to +5.5V

TC4S81F(TOSHIBA)CHIP PACKAGE
TC7S08FU(TOSHIBA)CHIP PACKAGE
TC7SH08FU(TOSHIBA)CHIP PACKAGE

C-MOS 2-INPUT AND GATE

—TOP VIEW—





$Y = A \cdot B = \overline{\overline{A} + \overline{B}}$

A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

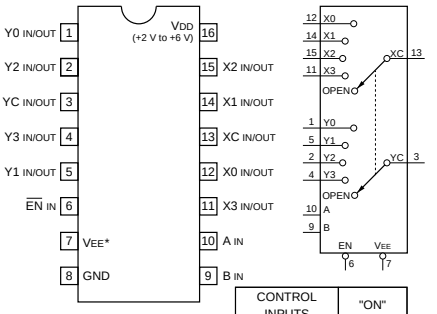
0 ; LOW LEVEL
1 ; HIGH LEVEL

TYPE	VDD
7S08F 7S08FU	+2 to +6V
4S81F 14S81F	+3 to +18V
7SH08FU	–2 to +5.5V

TC74HC4052AFS(EL)(TOSHIBA)FLAT PACKAGE

C-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER

— TOP VIEW —



VEE* ; VDD – VEE = +3 V to +12 V

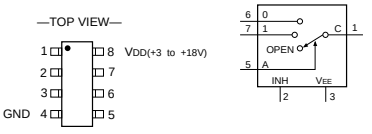
CONTROL INPUTS			"ON" CHANNEL
EN	B	A	
0	0	0	0
0	0	1	1
0	1	0	2
0	1	1	3
1	X	X	OPEN

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

TC4W53FU(TOSHIBA)CHIP PACKAGE

C-MOS 2-CHANNEL MULTIPLEXER / DEMULTIPLEXER

—TOP VIEW—



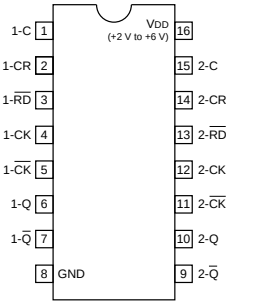
CONT.INPUT		ON
INH	A	CHANNEL
0	0	0
0	1	1
1	X	OPEN

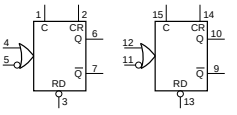
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

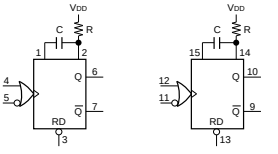
TC74HC4538AFS(TOSHIBA)FLAT PACKAGE

C-MOS DUAL RETRIGGERABLE/NON-RETRIGGERABLE MONOSTABLE MULTIVIBRATOR

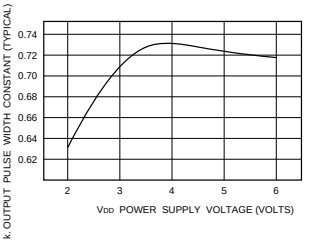
— TOP VIEW —



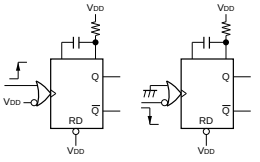




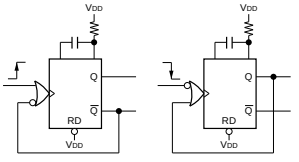
OUTPUT PULSE WIDTH = k · C · R



RETRIGGERABLE M. M. V



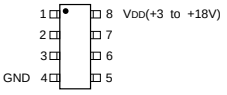
NON-RETRIGGERABLE M. M. V

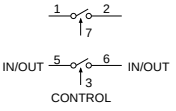


TC4W66FU(TOSHIBA)CHIP PACKAGE

C-MOS DUAL BILATERAL SWITCH

—TOP VIEW—



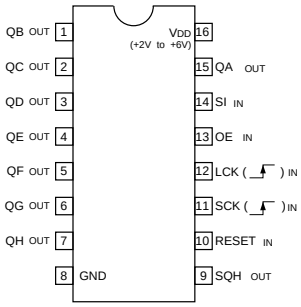


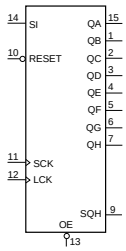
CONTROL	SWITCH
0	OFF
1	ON

0 ; LOW LEVEL
1 ; HIGH LEVEL

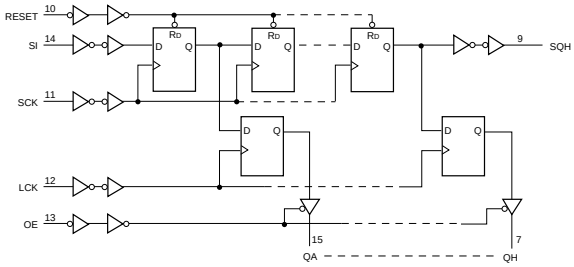
TC74HC595AF(TOSHIBA)FLAT PACKAGE

C-MOS 8-BIT SERIAL-INPUT/SERIAL- OR PARALLEL-OUTPUT
SHIFT REGISTER WITH LATCHED 3-STATE OUTPUT
—TOP VIEW—



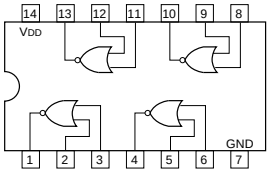


OE ; OUTPUT ENABLE INPUT
LCK ; LATCH CLOCK INPUT
SCK ; SHIFT CLOCK INPUT
RESET ; SHIFT-REGISTER RESET INPUT
SI ; SERIAL IN
QA-QH ; PARALLEL OUTPUT
SQH ; SERIAL OUT



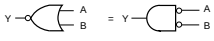
TC74VHC02F(TOSHIBA)FLAT PACKAGE

C-MOS QUAD 2-INPUT NOR GATES
—TOP VIEW—



NOTE:

TYPE	VDD
HC	+2 to +6V
AC/VHC	+2 to +5.5V
HCT/ACT	+5V



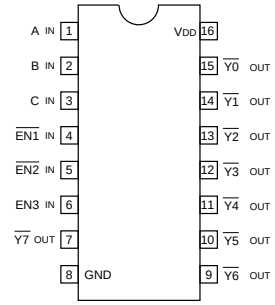
$Y = \overline{A + B} = \overline{A} \cdot \overline{B}$

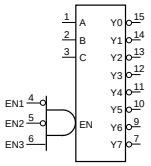
A	B	Y
0	0	1
0	1	0
1	0	0
1	1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

TC74VHC138FS(EL)(TOSHIBA)FLAT PACKAGE(SMALL)

C-MOS 3-TO-8 LINE DECODER / DEMULTIPLEXER
—TOP VIEW—





NOTE:

TYPE	VDD
74HCT138 TYPE	+5V
74ACT138 TYPE	+4.5 to +5.5V
TC74AC138 TYPE TC74VHC138	+2 to +5.5V
OTHER TYPES	+2 to +6V

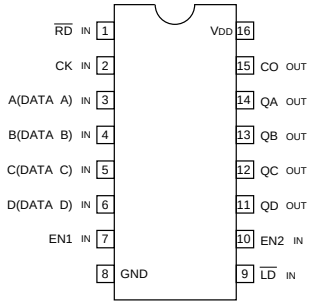
INPUTS				OUTPUTS							
EN	C	B	A	Y7	Y6	Y5	Y4	Y3	Y2	Y1	Y0
0	X	X	X	1	1	1	1	1	1	1	1
1	0	0	0	1	1	1	1	1	1	1	0
1	0	0	1	1	1	1	1	1	1	0	1
1	0	1	0	1	1	1	1	1	0	1	1
1	0	1	1	1	1	1	1	0	1	1	1
1	1	0	0	1	1	1	0	1	1	1	1
1	1	0	1	1	1	0	1	1	1	1	1
1	1	1	0	1	0	1	1	1	1	1	1
1	1	1	1	0	1	1	1	1	1	1	1

$EN = \overline{EN1} \cdot \overline{EN2} \cdot EN3$

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

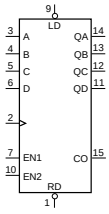
TC74VHC163F(TOSHIBA)FLAT PACKAGE

C-MOS PRESETTABLE SYNCHRONOUS 4-BIT BINARY COUNTER
—TOP VIEW—



NOTE:

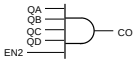
TYPE	VDD
HC	+2 to +6V
AC/VHC	+2 to +5.5V
HCT/ACT/FCT	+5V



MODE SELECTION

CONTROL INPUTS				MODE
RD	LD	EN1	EN2	
0	X	X	X	RESET (SYNCHRONOUS)
1	0	X	X	PRESET (SYNCHRONOUS)
1	1	0	X	NO COUNT
1	1	X	0	NO COUNT
1	1	1	1	COUNT

CARRY OUTPUT "CO"



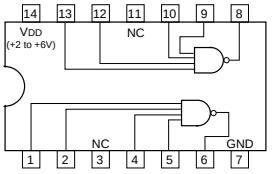
CO IS HIGH WHEN EN2 INPUT IS HIGH AND COUNT IS "15".

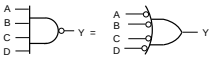
COUNT SEQUENCE

COUNT	OUTPUTS			
	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

TC74VHC20F(TOSHIBA)FLAT PACKAGE

C-MOS 4-INPUT POSITIVE-NAND GATE
—TOP VIEW—





$Y = \overline{A \cdot B \cdot C \cdot D} = \overline{A} + \overline{B} + \overline{C} + \overline{D}$

A	B	C	D	Y
0	0	0	0	1
0	0	0	1	1
0	0	1	0	1
0	0	1	1	1
0	1	0	0	1
⋮	⋮	⋮	⋮	⋮
1	1	0	1	1
1	1	1	0	1
1	1	1	1	0

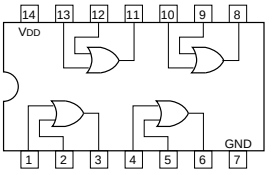
0 ; LOW LEVEL
1 ; HIGH LEVEL

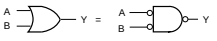
NOTE:

TYPE	VDD
AC/VHC	+2 to +5.5V
HC	+2 to +6V

TC74VHC32FS(EL)(TOSHIBA)FLAT PACKAGE(SMALL)

C-MOS QUAD 2-INPUT OR GATES
—TOP VIEW—





$Y = A + B = \overline{\overline{A} \cdot \overline{B}}$

A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

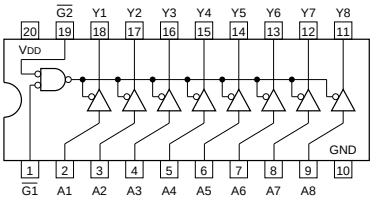
0 ; LOW LEVEL
1 ; HIGH LEVEL

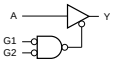
NOTE:

TYPE	VDD
AC/VHC	+2 to +5.5V
HC	+2 to +6V

TC74VHC541FS(EL)(TOSHIBA)FLAT PACKAGE(SMALL)

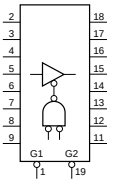
C-MOS BUFFERS AND LINE DRIVERS WITH 3-STATE OUTPUTS
— TOP VIEW —





G1	G2	A	Y
0	0	0	0
0	0	1	1
1	X	X	HI-Z
X	1	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

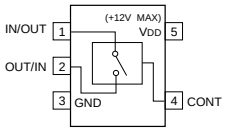


NOTE :

TYPE	VDD
AC/VHC	+2 V to +5.5 V
HC	+2 V to +6 V
ABT/ACT/BCT/HCT/VHCT	+5 V

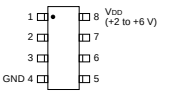
TC7S66FU(TOSHIBA)

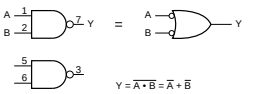
C-MOS ANALOG SWITCH
—TOP VIEW—



TC7W00FU(TOSHIBA)CHIP PACKAGE

C-MOS 2-INPUT NAND GATE
– TOP VIEW –





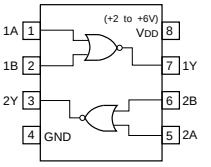
$Y = \overline{A \cdot B} = \overline{A} + \overline{B}$

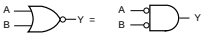
A	B	Y
0	0	1
0	1	1
1	0	1
1	1	0

0; LOW LEVEL
1; HIGH LEVEL

TC7W02F(TOSHIBA)FLAT PACKAGE

C-MOS DUAL 2-INPUT NOR GATE
—TOP VIEW—





$Y = \overline{A + B} = \overline{A} \cdot \overline{B}$

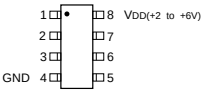
A	B	Y
0	0	1
0	1	0
1	0	0
1	1	0

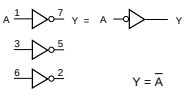
0 ; LOW LEVEL
1 ; HIGH LEVEL

TC7W04FU(TOSHIBA)CHIP PACKAGE

C-MOS HEX INVERTERS

—TOP VIEW—





$Y = \overline{A}$

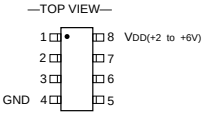
A	Y
0	1
1	0

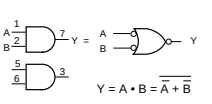
0 ; LOW LEVEL
1 ; HIGH LEVEL

TC7W08FU(TOSHIBA)CHIP PACKAGE

C-MOS 2-INPUT AND GATE

—TOP VIEW—





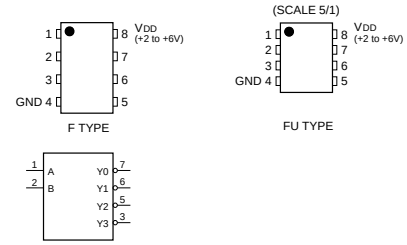
$Y = A \cdot B = \overline{\overline{A} + \overline{B}}$

A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

0 ; LOW LEVEL
1 ; HIGH LEVEL

TC7W139FU(TOSHIBA)CHIP PACKAGE

C-MOS 2 to 4 LINE DECODER WITH ENABLE
—TOP VIEW —

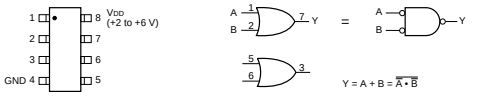


INPUTS		OUTPUTS				SELECTED OUTPUT
SELECT						
B	A	$\overline{Y0}$	$\overline{Y1}$	$\overline{Y2}$	$\overline{Y3}$	
0	0	0	1	1	1	$\overline{Y0}$
0	1	1	0	1	1	$\overline{Y1}$
1	0	1	1	0	1	$\overline{Y2}$
1	1	1	1	1	0	$\overline{Y3}$

0 ; LOW LEVL
1 ; HIGH LEVEL

TC7W32FU(TOSHIBA)CHIP PACKAGE

C-MOS DUAL 2-INPUT OR GATE
—TOP VIEW—

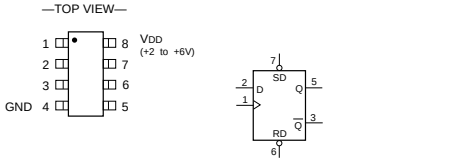


A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

0; LOW LEVEL
1; HIGH LEVEL

TC7W74FU(TOSHIBA)CHIP PACKAGE

C-MOS D-TYPE FLIP-FLOPS WITH DIRECT SET / RESET
—TOP VIEW—

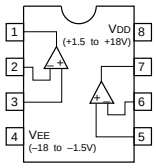


INPUTS				OUTPUTS	
$\overline{SD}$	$\overline{RD}$	CK	D	Qn+1	$\overline{Qn+1}$
0	1	X	X	1	0
1	0	X	X	0	1
0	0	X	X	1	1
1	1	↑	1	1	0
1	1	↑	0	0	1
1	1	↓	X	Qn	$\overline{Qn}$

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

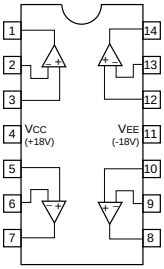
TL062CPW(TI)FLAT PACKAGE
TL082M(TI)

OPERATIONAL AMPLIFIER
(J FET INPUT)
—TOP VIEW—



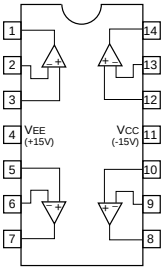
TL064CPW(TI)

OPERATIONAL AMPLIFIER
(J FET INPUT)
—TOP VIEW—



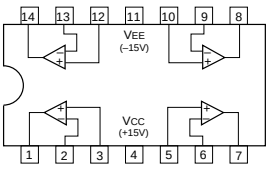
TL074CPW(TI)

OPERATIONAL AMPLIFIER
(LOW-NOISE, JFET-INPUT)
—TOP VIEW—



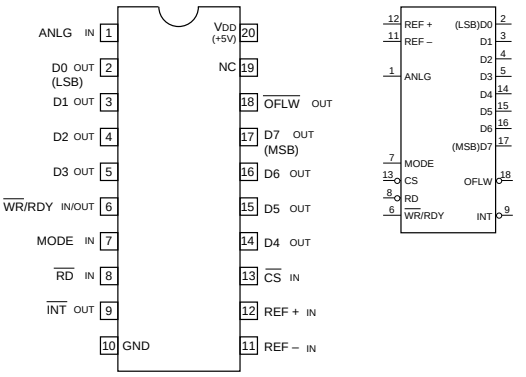
TL084CPW(TI)

OPERATIONAL AMPLIFIER
(J FET INPUT)
—TOP VIEW—



TLC0820ACDW(TI)FLAT PACKAGE

C-MOS 8-BIT SEMIFLASH TYPE A / D CONVERTER
—TOP VIEW—



INPUT

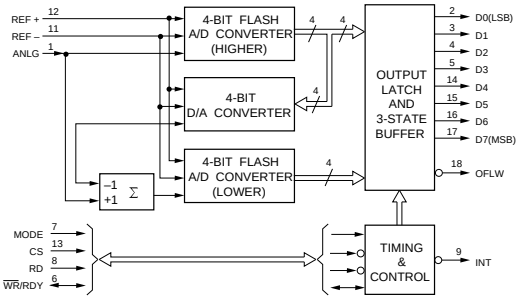
ANLG	;	ANALOG SIGNAL
CS	;	CHIP SELECT
MODE	;	MODE
RD	;	READ
REF+, REF–	;	REFERENCE VOLTAGE +, –

OUTPUT

D0-D7	;	DIGITAL SIGNAL
INT	;	INTERRUPT
OFLW	;	OVERFLOW

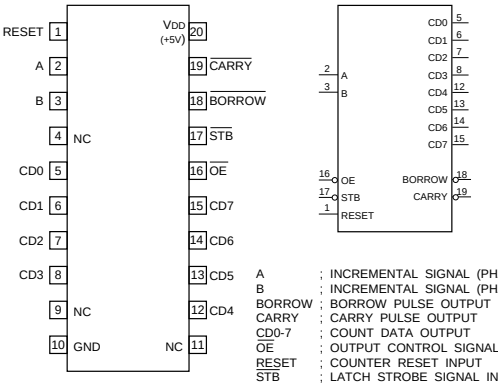
INPUT/OUTPUT

WR/RDY	;	L : WRITE/H : READY

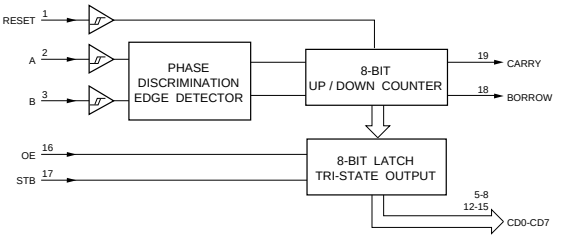


UPD4702G(NEC)

C-MOS INCREMENTAL ENCODER 8-BIT UP DOWN COUNTER
—TOP VIEW—

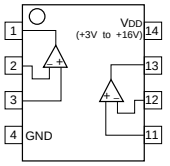


A	;	INCREMENTAL SIGNAL (PHASE A) INPUT
B	;	INCREMENTAL SIGNAL (PHASE B) INPUT
BORROW	;	BORROW PULSE OUTPUT
CARRY	;	CARRY PULSE OUTPUT
CD0-7	;	COUNT DATA OUTPUT
OE	;	OUTPUT CONTROL SIGNAL INPUT
RESET	;	COUNTER RESET INPUT
STB	;	LATCH STROBE SIGNAL INPUT



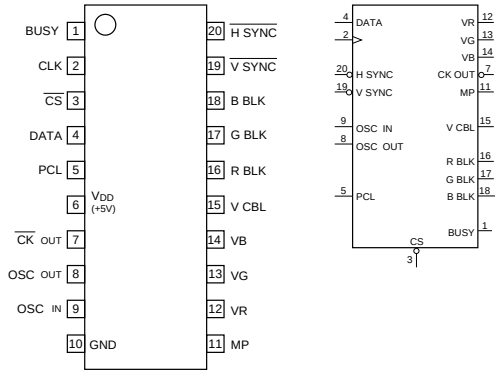
TLC272CP
TLC272CPW(TI)
TLC27L2CPS(TI)FLAT PACKAGE

OPERATIONAL AMPLIFIER
—TOP VIEW—



UPD6453GT-610(NEC)FLAT PACKAGE

C-MOS ON-SCREEN CHARACTER DISPLAY
—TOP VIEW—

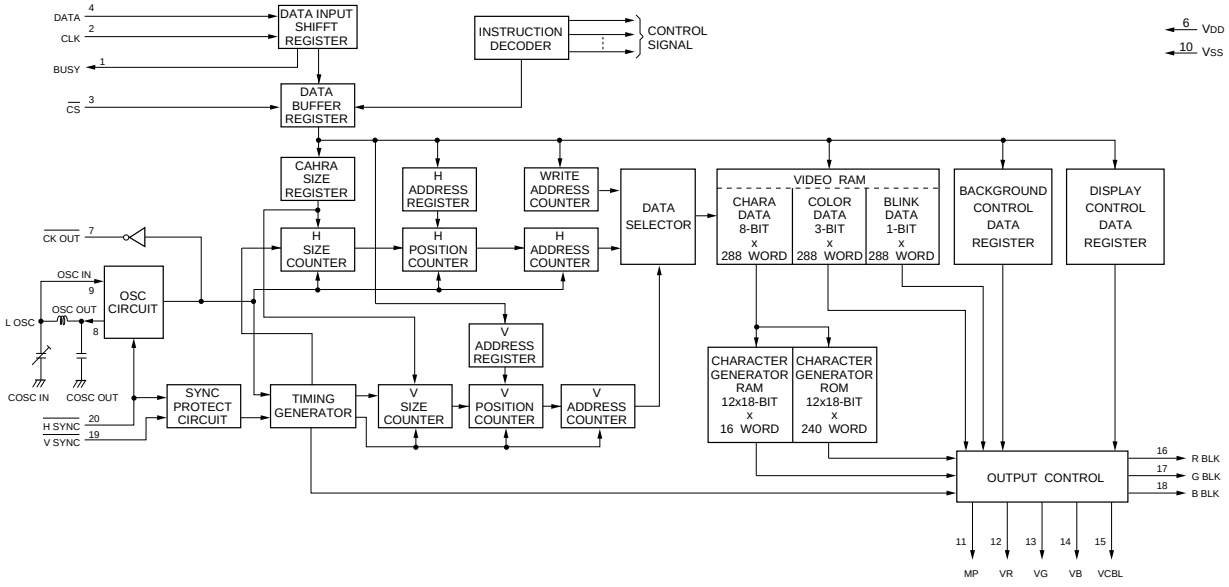


INPUT

CLK	;	CLOCK
$\overline{CS}$	;	CHIP SELECT
DATA	;	SERIAL DATA
$\overline{H\ SYNC}$	;	HORIZONTAL SYNC
OSC IN	;	OSCILLATOR IN
$\overline{PCL}$	;	POWER ON CLEAR
$\overline{V\ SYNC}$	;	VERTICAL SYNC

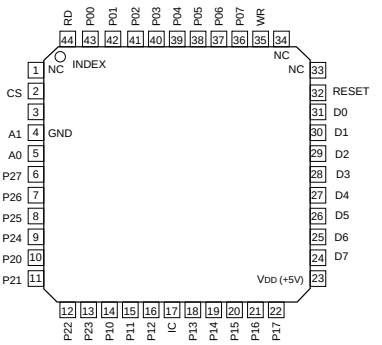
OUTPUT

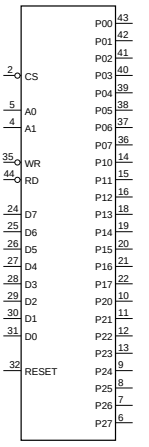
B_{BLK}, R_{BLK}, G_{BLK}	;	B, R, G, BLANKING
$\overline{BUSY}$	;	BUSY OUT
$\overline{CK\ OUT}$	;	CLOCK
MP	;	MASK PULSE
OSC OUT	;	OSCILLATOR OUT
V_R, V_G, V_B	;	R, G, B, CHARACTER DATA
V_{CBL}	;	VIDEO CUT BLANKING



UPD71055GB-10-3B4(NEC)FLAT PACKAGE

C-MOS PARALLEL INTERFACE UNIT
—TOP VIEW—



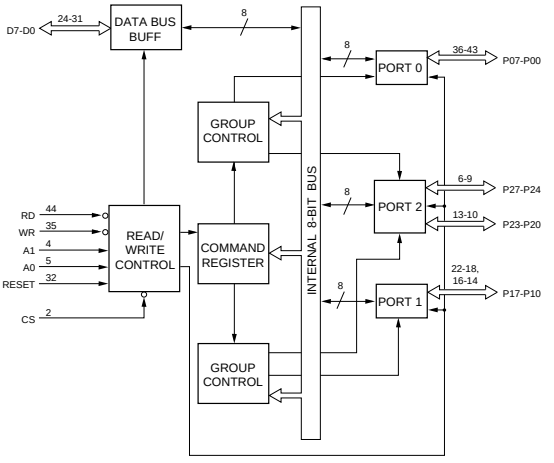


A1, A0	; ADDRESS	P17-P10	; PORT 1
CS	; CHIP SELECT	P27-P20	; PORT 2
D7-D0	; DATA BUS	RD	; READ STROBE
P07-P00	; PORT 0	WR	; WRITE STROBE

IC ; INTERNALLY CONNECTED

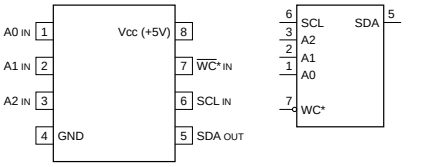
CS	RD	WR	A1	A0	OPERATION	CPU ACTION
0	0	1	0	0	PORT0→DATA • BUS	INPUT
0	0	1	0	1	PORT1→DATA • BUS	INPUT
0	0	1	1	0	PORT2→DATA • BUS	INPUT
0	0	1	1	1	DISABLE	
0	0	0	X	X		
0	1	0	0	0	DATA • BUS→PORT0	OUTPUT
0	1	0	0	1	DATA • BUS→PORT1	OUTPUT
0	1	0	1	0	DATA • BUS→PORT2	OUTPUT
0	1	0	1	1	DATA • BUS→COMMAND REGISTER	OUTPUT
0	1	1	X	X	HIGH IMPEDANCE	
1	X	X	X	X		

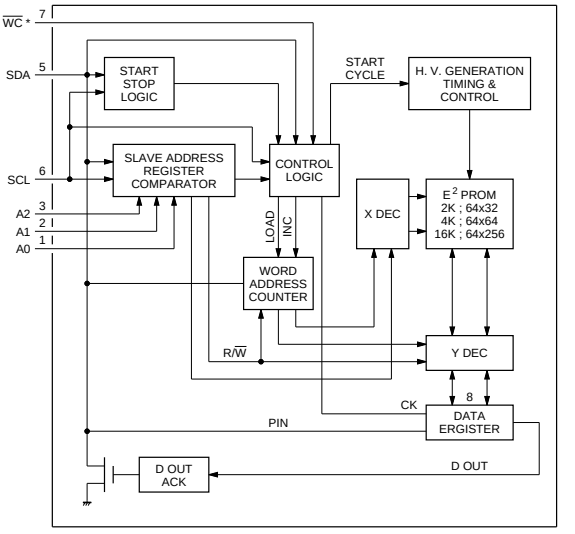
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE



X24164SI(XICOR)(16K BIT)FLAT PACKAGE
X24C02S-3.0(XICOR)(2K BIT)FLAT PACKAGE

C-MOS SERIAL EEPROM
- TOP VIEW -



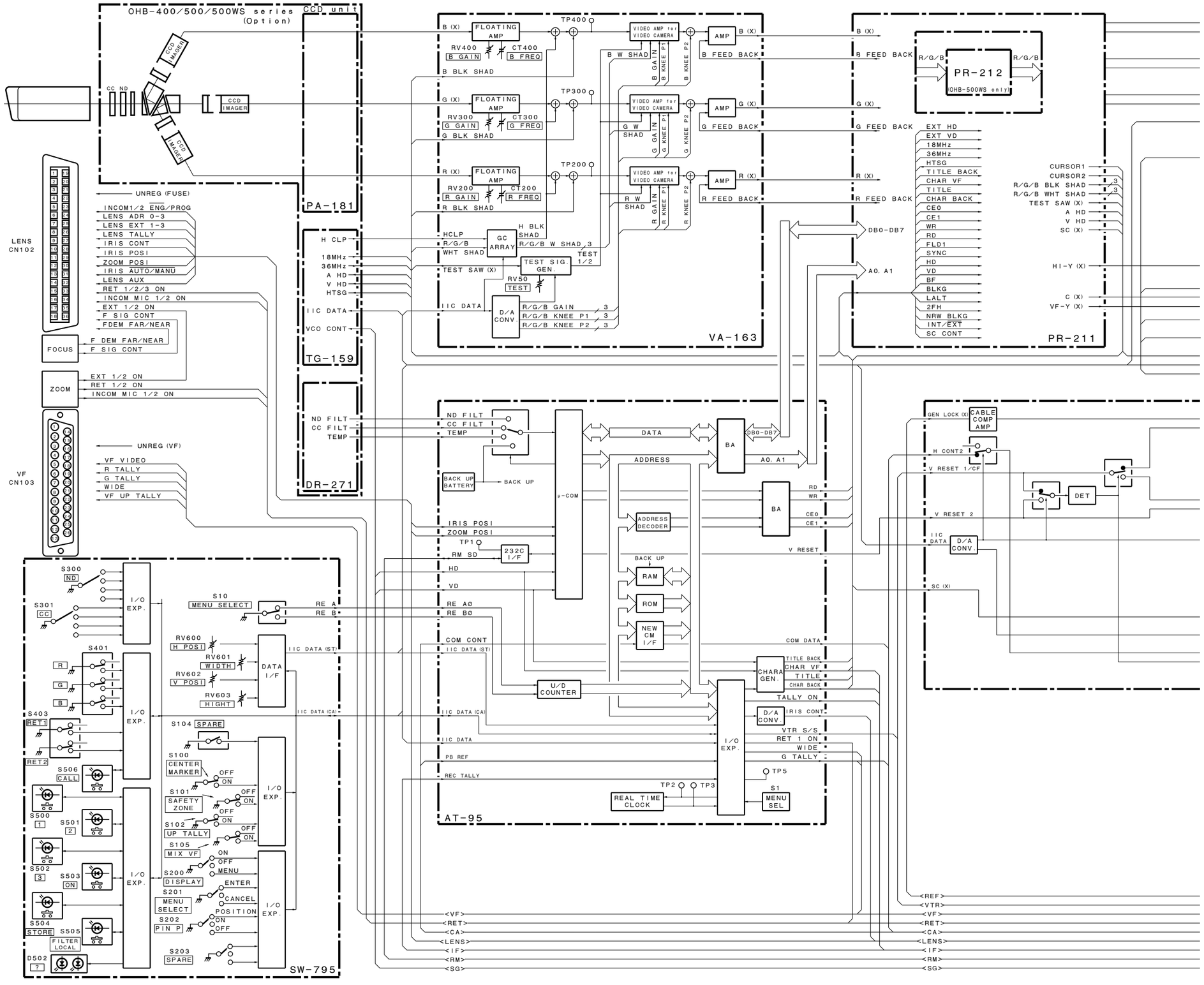


NOTE : * TEST (at X24164SIC7000)

Section 3
Block Diagrams

OVERALL (1/2)

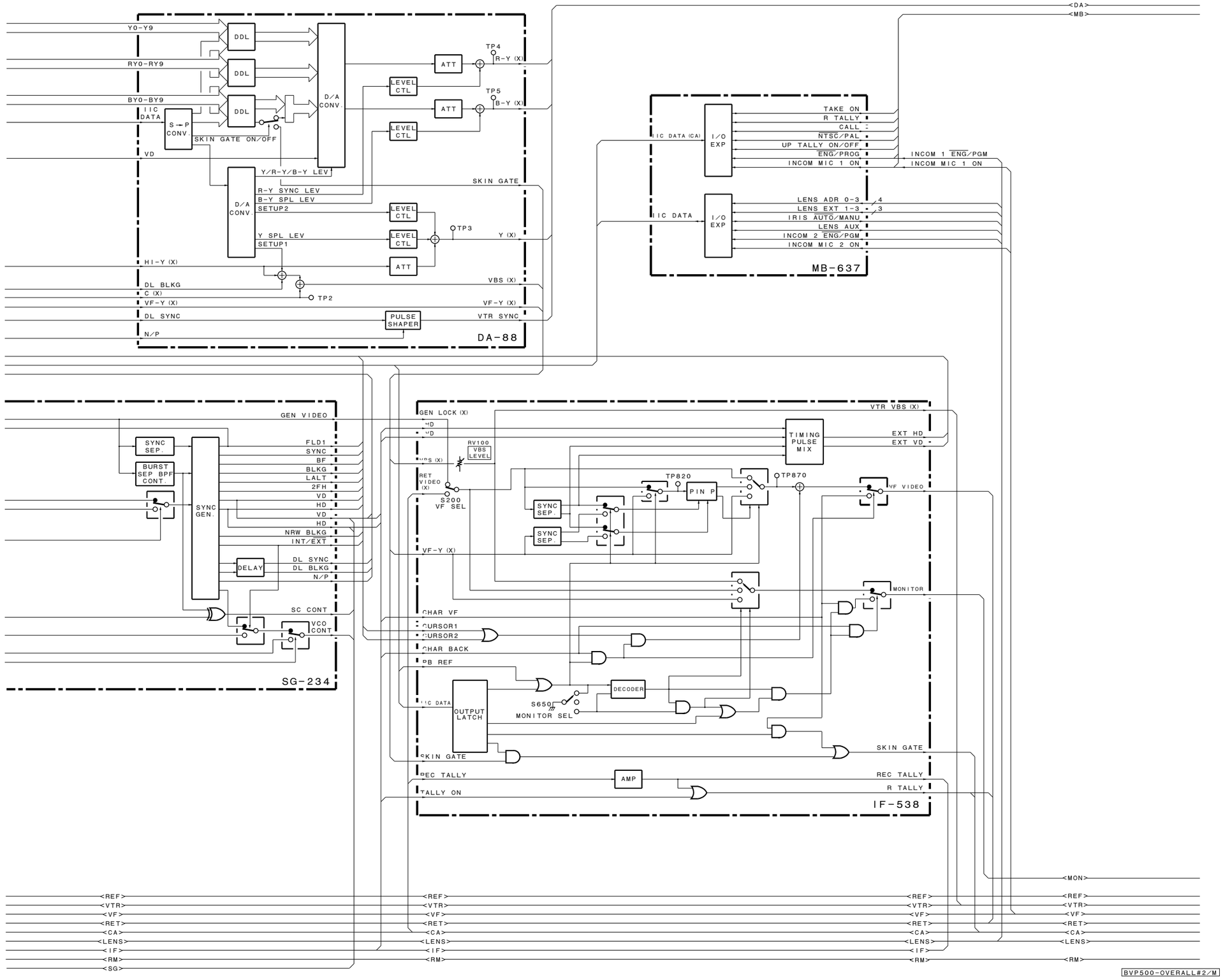
OVERALL BLOCK



3-2

http://getMANUAL.com

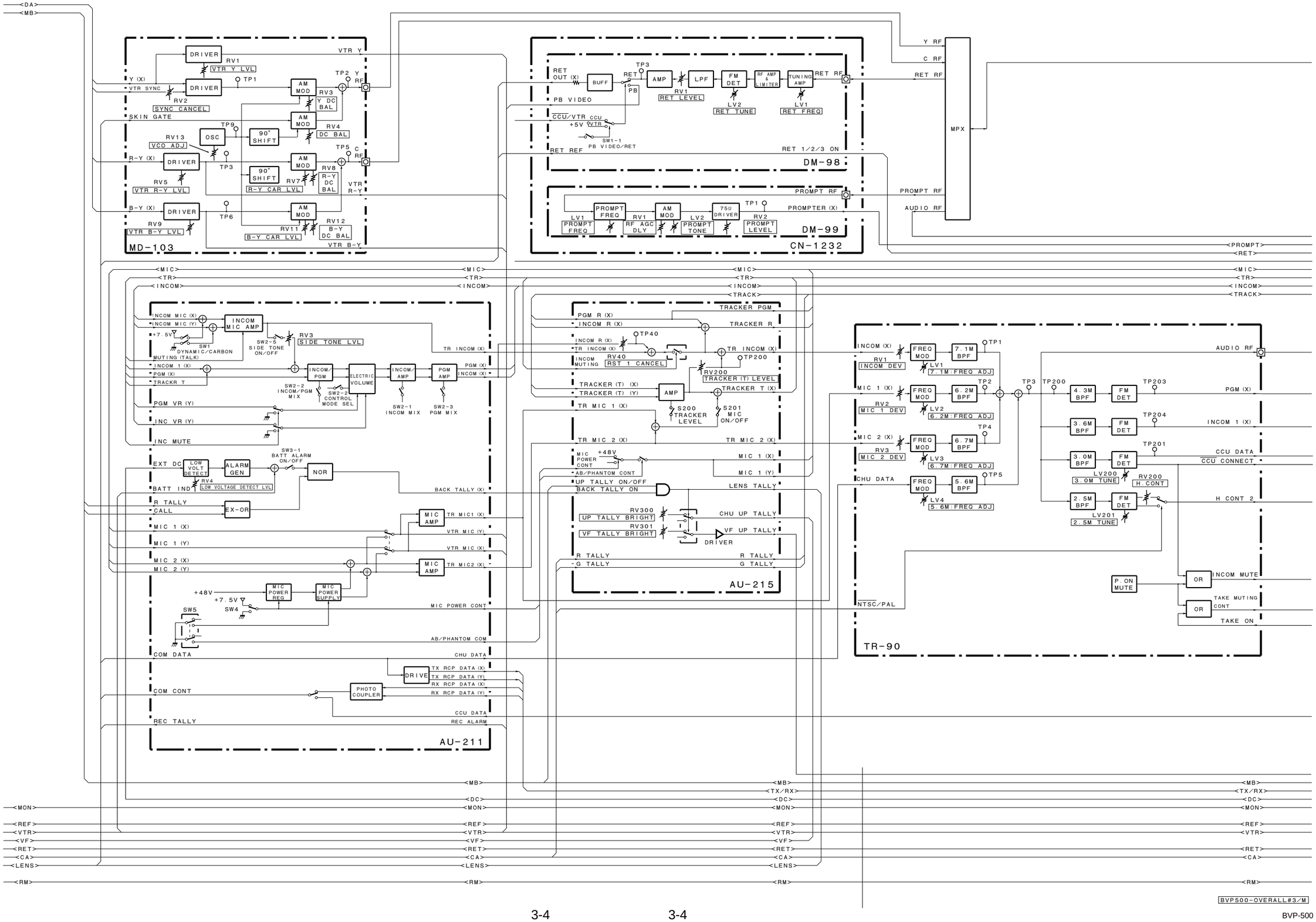
OVERALL (1/2)

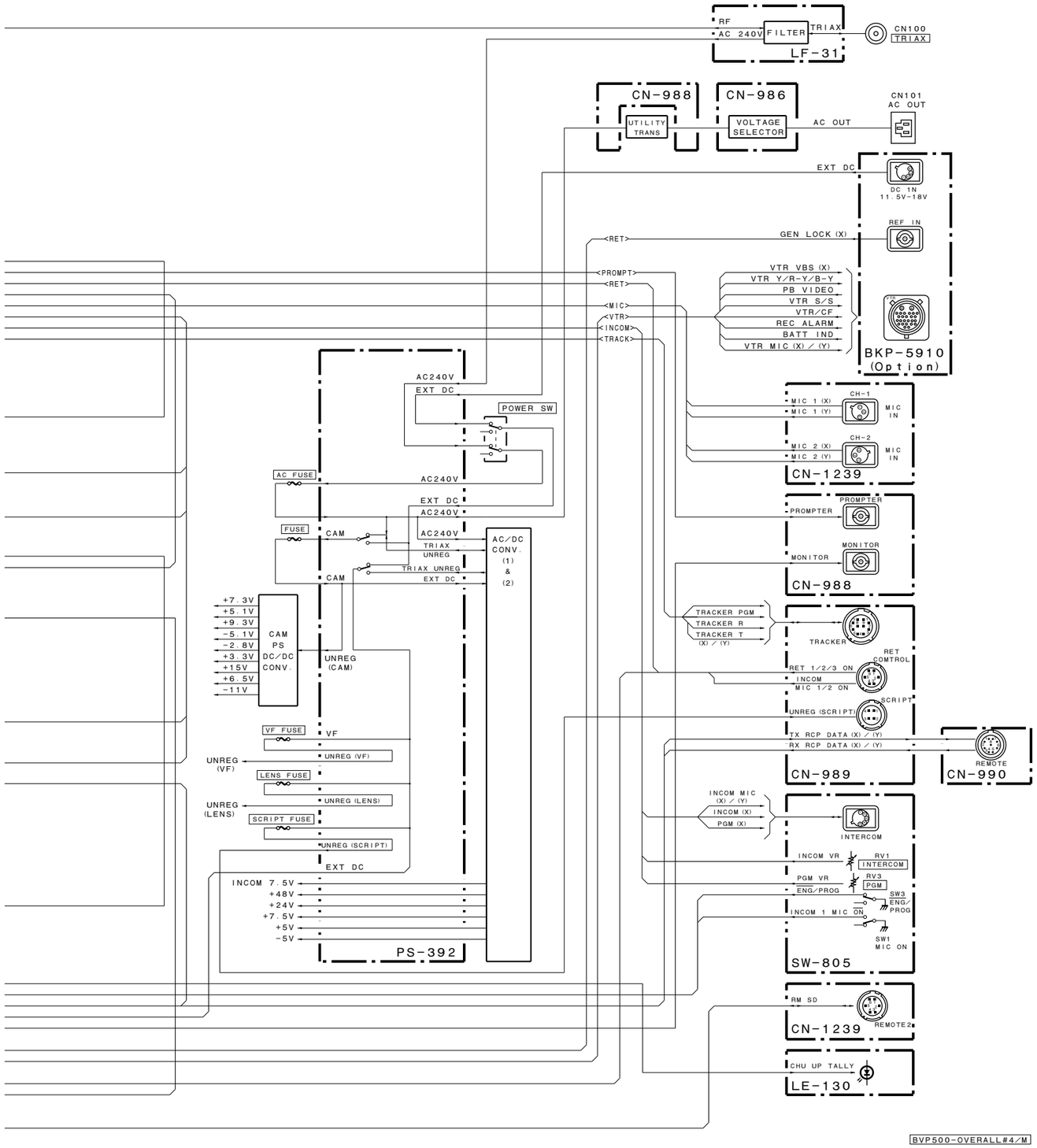


OVERALL BLOCK (1/2)

BVP-500
BVP-500P

3-3

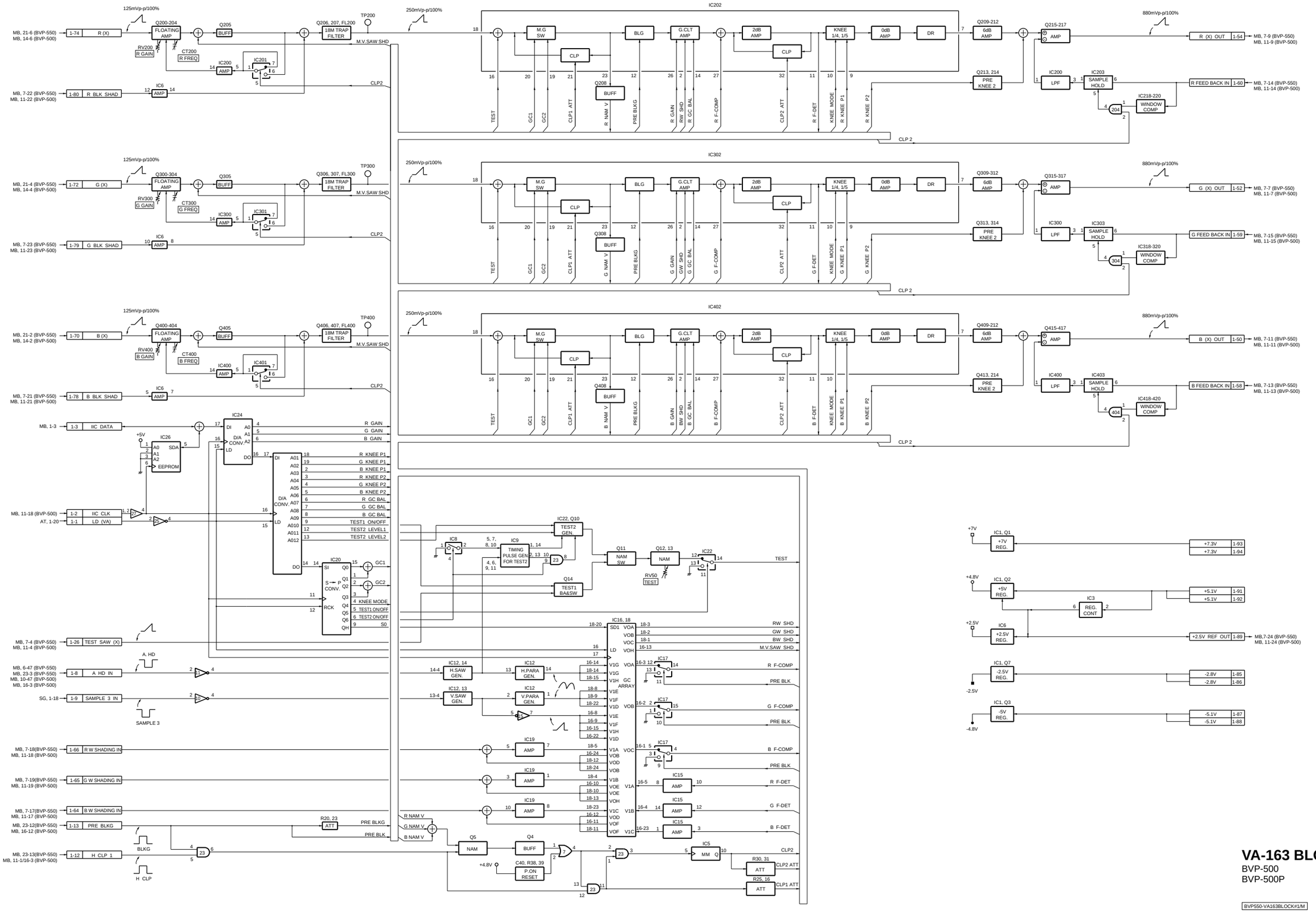

<DA>
<MB>
MD-103
DRIVER
VTR Y LVL
Y (X)
VTR SYNC
SYNC CANCEL
SKIN GATE
OSC
VCO ADJ
90° SHIFT
AM MOD
Y DC BAL
DC BAL
R-Y (X)
R-Y CAR LVL
R-Y DC BAL
B-Y (X)
VTR R-Y LVL
B-Y CAR LVL
B-Y DC BAL
VTR Y
VTR R-Y
VTR B-Y
Y RF
C RF
DM-98
RET OUT (X)
BUFF
AMP
LPF
FM DET
RF AMP & LIMITER
TUNING AMP
RET RF
RET LEVEL
RET TUNE
RET FREQ
PB VIDEO
CCU/VTR
+5V
SW1-1
PB VIDEO/RET
RET REF
RET 1/2/3 ON
DM-99
PROMPT FREQ
RF AGC DLY
PROMPT TONE
75Ω DRIVER
PROMPT LEVEL
PROMPTER (X)
PROMPT RF
AUDIO RF
CN-1232
MPX
<PROMPT>
<RET>
<MIC>
<TR>
<INCOM>
<TRACK>
AU-211
INCOM MIC (X)
INCOM MIC (Y)
INCOM MIC AMP
+7.5V
SW1
DYNAMIC/CARBON
MUTING (TALK)
SIDE TONE LVL
SW2-5
SIDE TONE ON/OFF
INCOM 1 (X)
PGM (X)
TRACKR T
INCOM/PGM
ELECTRIC VOLUME
INCOM AMP
PGM AMP
SW2-2
INCOM/PGM MIX
CONTROL MODE SEL
SW2-1
INCOM MIX
SW2-3
PGM MIX
TR INCOM (X)
PGM VR (Y)
INC VR (Y)
INC MUTE
EXT DC
LOW VOLT DETECT
ALARM GEN
SW3-1
BATT ALARM ON/OFF
NOR
BATT IND
LOW VOLTAGE DETECT LVL
R TALLY
CALL
EX-OR
BACK TALLY (X)
MIC 1 (X)
MIC 1 (Y)
MIC 2 (X)
MIC 2 (Y)
MIC AMP
TR MIC1 (X)
VTR MIC (Y)
VTR MIC (X)
TR MIC2 (X)
+48V
+7.5V
SW4
MIC POWER REG
MIC POWER SUPPLY
MIC POWER CONT
SW5
AB/PHANTOM COM
COM DATA
CHU DATA
DRIVE
TX RCP DATA (X)
TX RCP DATA (Y)
RX RCP DATA (X)
RX RCP DATA (Y)
COM CONT
PHOTO COUPLER
CCU DATA
REC TALLY
REC ALARM
AU-215
TRACKER PGM
PGM R (X)
INCOM R (X)
TRACKER R
TR INCOM (X)
INCOM MUTING
RST 1 CANCEL
TRACKER (T) (X)
TRACKER (T) (Y)
AMP
TRACKER T (X)
TRACKER (T) LEVEL
S200 TRACKER LEVEL
S201 MIC ON/OFF
TR MIC 1 (X)
TR MIC 2 (X)
MIC POWER CONT
AB/PHANTOM CONT
UP TALLY ON/OFF
BACK TALLY ON
MIC 1 (X)
MIC 1 (Y)
LENS TALLY
RV300
UP TALLY BRIGHT
RV301
VF TALLY BRIGHT
CHU UP TALLY
VF UP TALLY
DRIVER
R TALLY
G TALLY
TR-90
INCOM (X)
INCOM DEV
MIC 1 (X)
MIC 1 DEV
MIC 2 (X)
MIC 2 DEV
CHU DATA
NTSC/PAL
FREQ MOD
7.1M BPF
6.2M BPF
6.7M BPF
5.6M BPF
7.1M:FREQ ADJ
6.2M:FREQ ADJ
6.7M:FREQ ADJ
5.6M:FREQ ADJ
4.3M BPF
3.6M BPF
3.0M BPF
2.5M BPF
FM DET
3.0M TUNE
2.5M TUNE
H.CONT
AUDIO RF
PGM (X)
INCOM 1 (X)
CCU DATA
CCU CONNECT
H CONT 2
P.ON MUTE
OR
INCOM MUTE
TAKE MUTING CONT
TAKE ON
<MON>
<REF>
<VTR>
<VF>
<RET>
<CA>
<LENS>
<RM>
<DC>
<TX/RX>
BVP500-OVERALL#3/M



OVERALL BLOCK (2/2)

BVP-500
BVP-500P

VA-163 BOARD

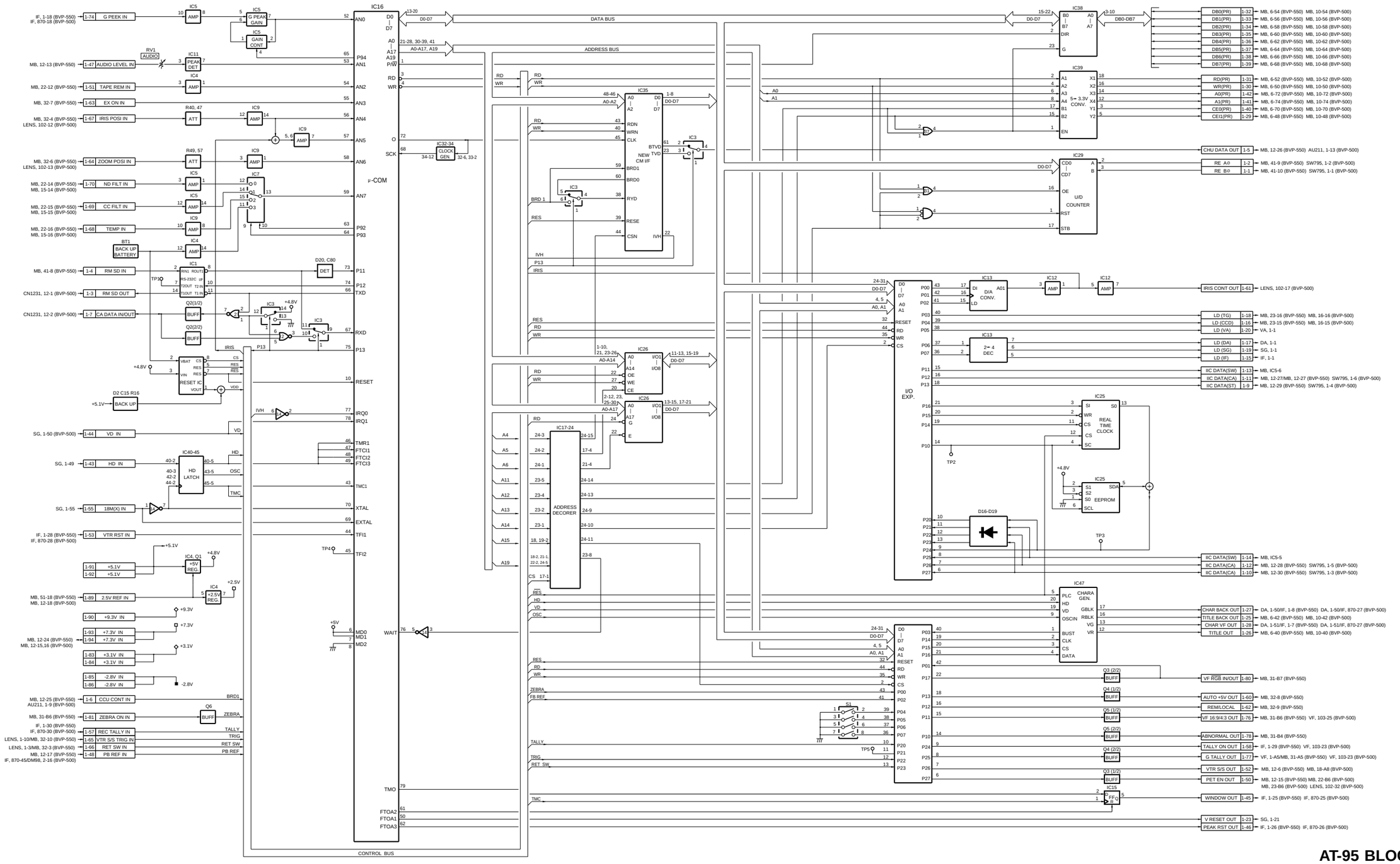


VA-163 BLOCK

BVP-500
BVP-500P

BVP550-VA163BLOCK#1/M

AT-95 BOARD

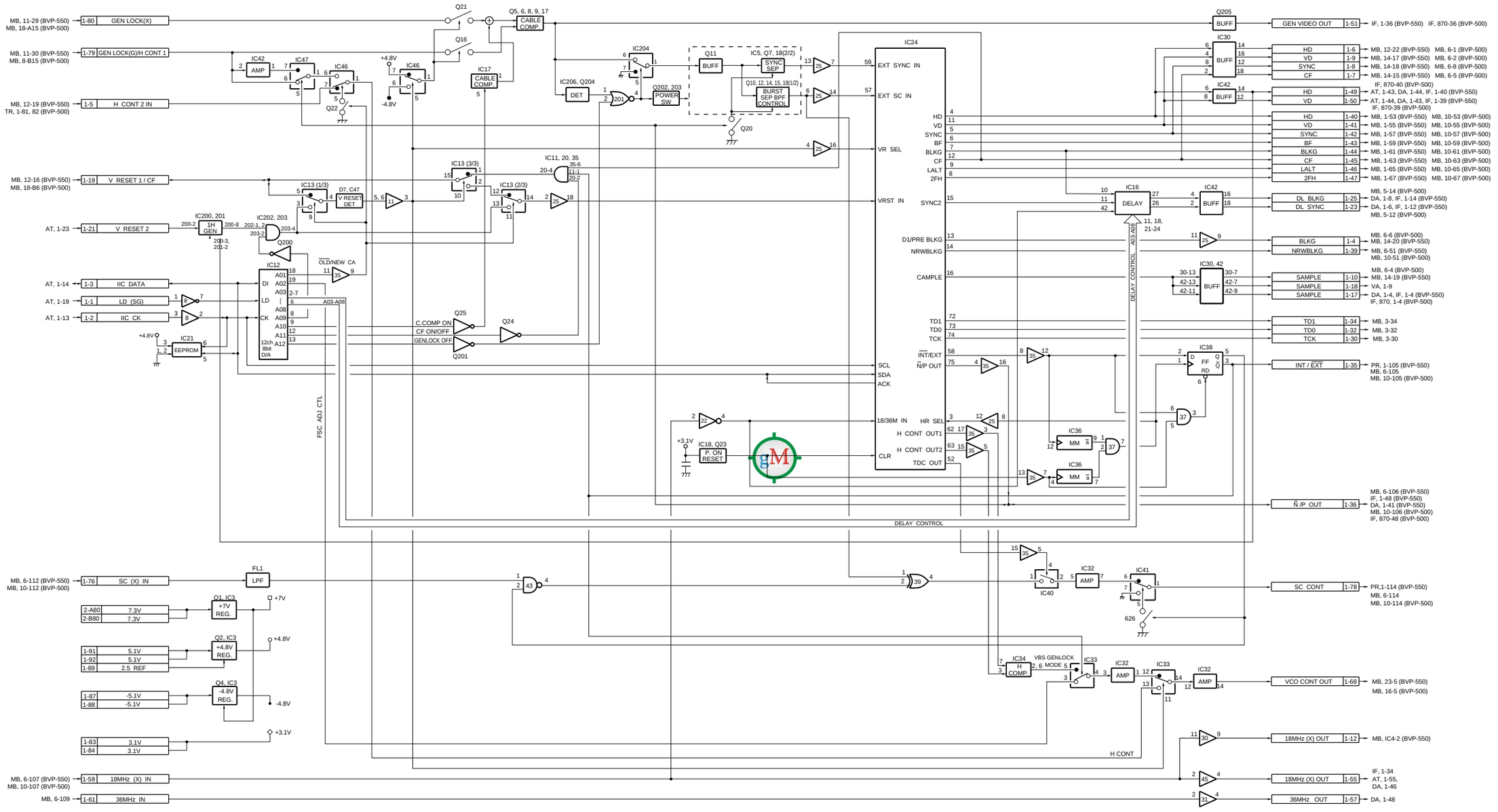


AT-95 BLOCK

BVP-500
BVP-500P

BVP550-AT95BLOCK#1/M

SG-234 BOARD

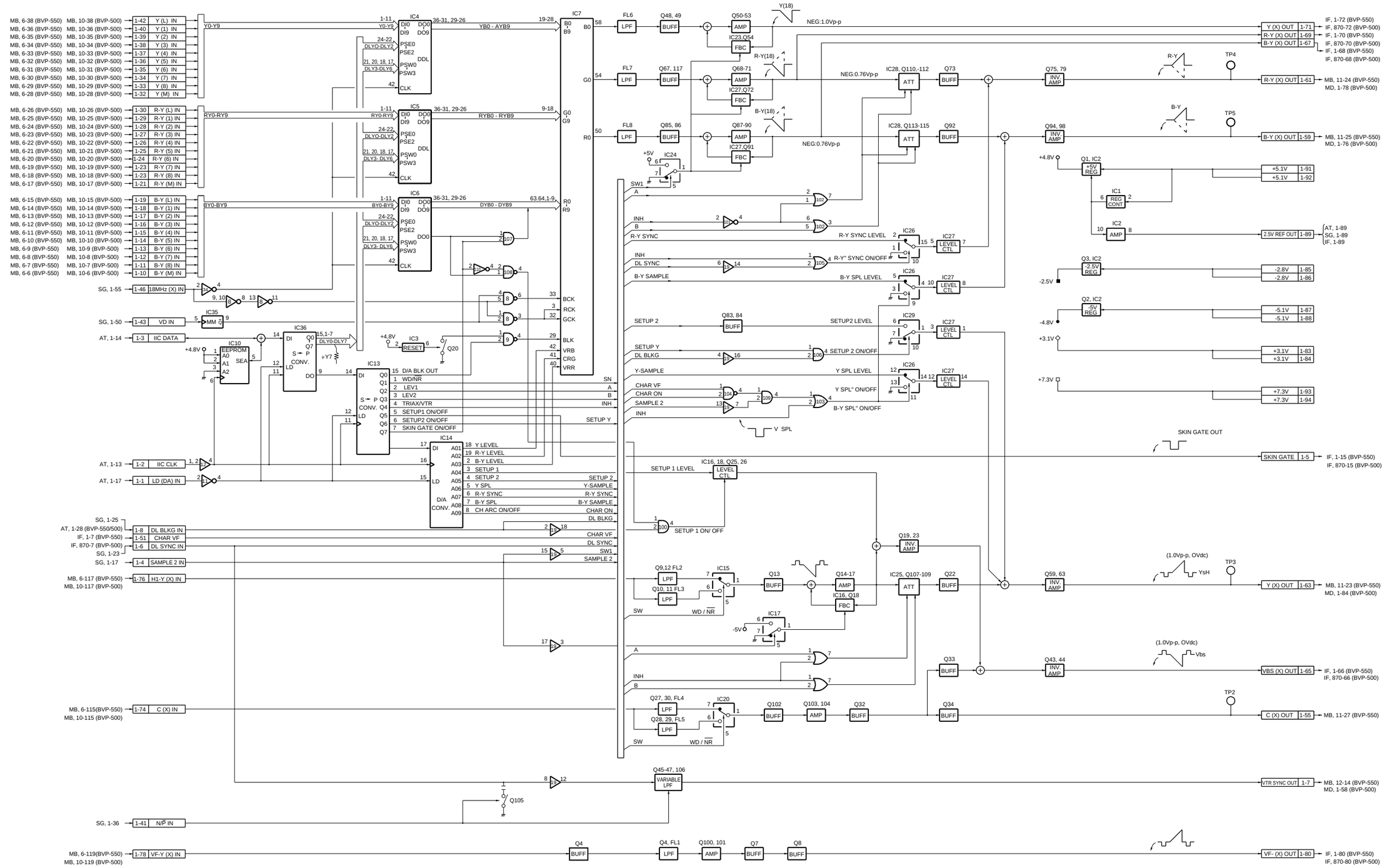


SG-234 BLOCK

BVP-500
BVP-500P

BVP550-SG234BLOCK#1/M

DA-88 BOARD

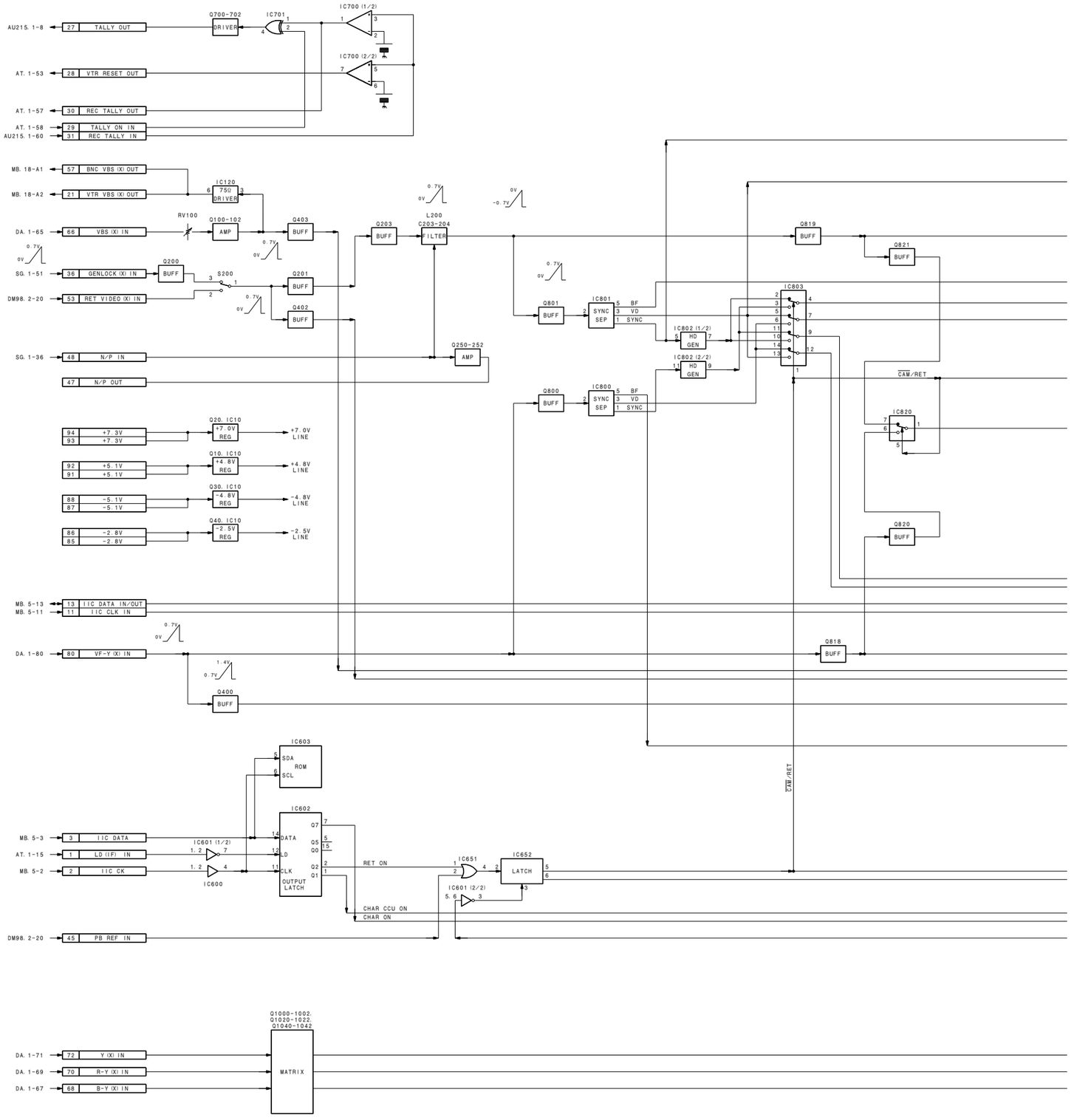


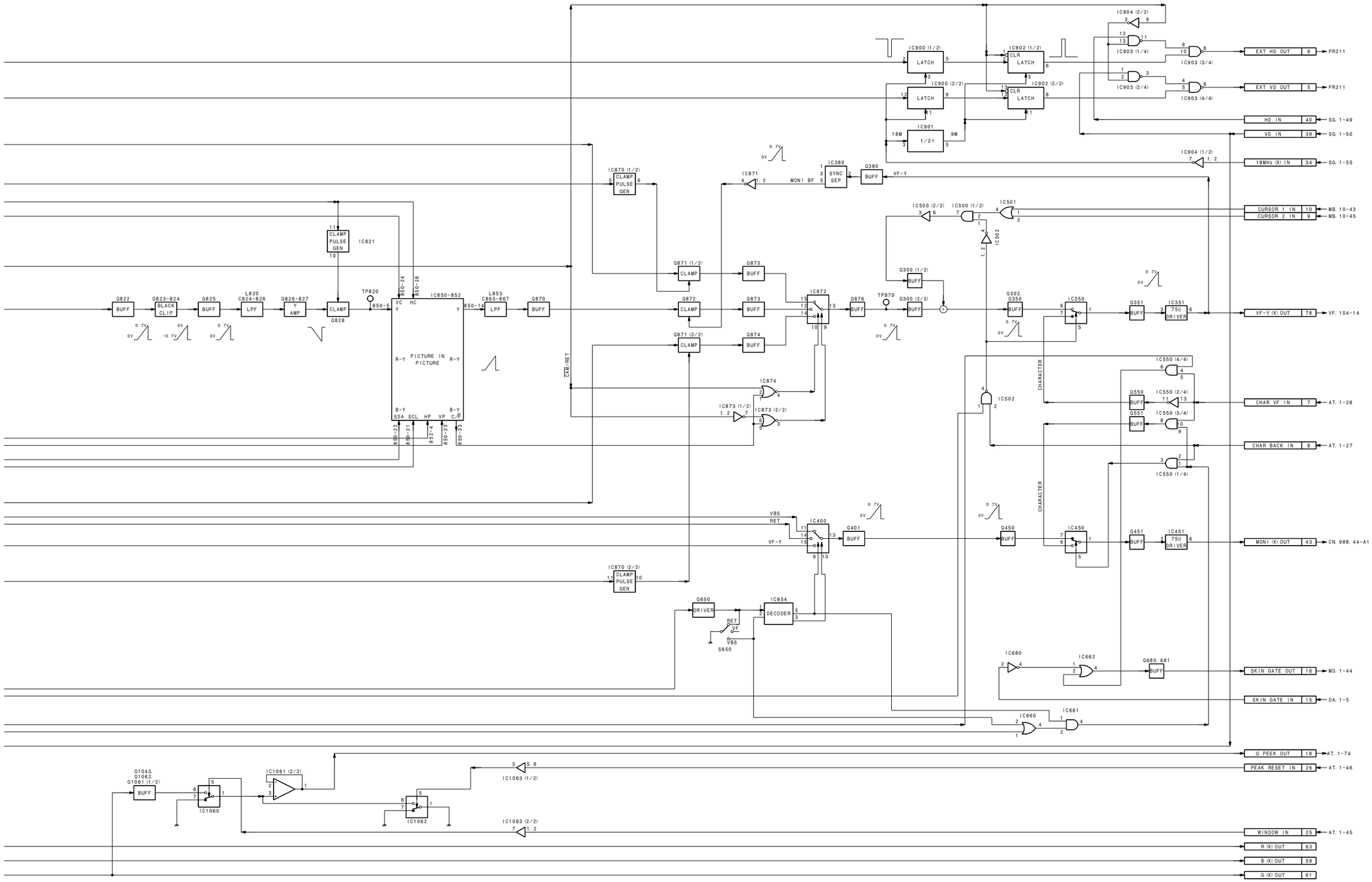
DA-88 BLOCK

BVP-500
BVP-500P

BVP550-DA88BLOCK#1/M

IF-538 BOARD

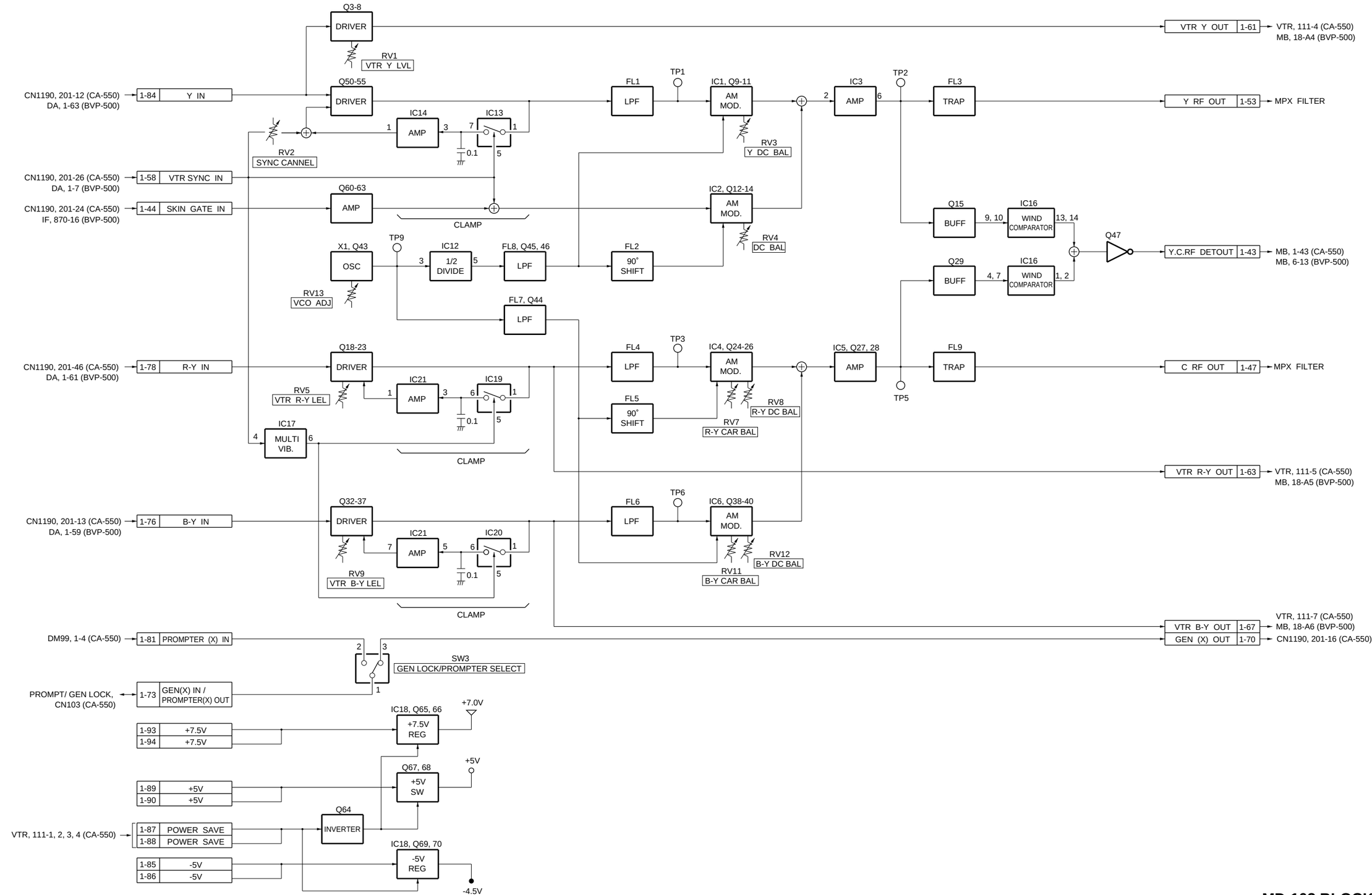

AU215. 1-8
27 TALLY OUT
Q700-702 DRIVER
IC701
IC700 (1/2)
IC700 (2/2)
AT. 1-53
28 VTR RESET OUT
AT. 1-57
30 REC TALLY OUT
AT. 1-58
29 TALLY ON IN
AU215. 1-60
31 REC TALLY IN
MB. 18-A1
57 BNC VBS (X) OUT
MB. 18-A2
21 VTR VBS (X) OUT
IC120 75Ω DRIVER
DA. 1-65
66 VBS (X) IN
RV100
Q100-102 AMP
Q403 BUFF
Q203 BUFF
L200 C203-204 FILTER
SG. 1-51
36 GENLOCK (X) IN
Q200 BUFF
S200
Q201 BUFF
DM98. 2-20
53 RET VIDEO (X) IN
Q402 BUFF
SG. 1-36
48 N/P IN
47 N/P OUT
Q250-252 AMP
94 +7.3V
93 +7.3V
Q20. IC10 +7.0V REG
+7.0V LINE
92 +5.1V
91 +5.1V
Q10. IC10 +4.8V REG
+4.8V LINE
88 -5.1V
87 -5.1V
Q30. IC10 -4.8V REG
-4.8V LINE
86 -2.8V
85 -2.8V
Q40. IC10 -2.5V REG
-2.5V LINE
Q819 BUFF
Q821 BUFF
Q801 BUFF
IC801 SYNC SEP
IC802 (1/2) HD GEN
IC802 (2/2) HD GEN
IC803
Q800 BUFF
IC800 SYNC SEP
CAM/RET
IC820
Q820 BUFF
Q818 BUFF
MB. 5-13
13 IIC DATA IN/OUT
MB. 5-11
11 IIC CLK IN
DA. 1-80
80 VF-Y (X) IN
Q400 BUFF
IC603 SDA ROM SCL
IC602 DATA LD CLK OUTPUT LATCH
MB. 5-3
3 IIC DATA
AT. 1-15
1 LD (IF) IN
MB. 5-2
2 IIC CK
IC601 (1/2)
IC600
RET ON
IC651
IC652 LATCH
IC601 (2/2)
CHAR CCU ON
CHAR ON
DM98. 2-20
45 PB REF IN
CAM/RET
Q1000-1002, Q1020-1022, Q1040-1042 MATRIX
DA. 1-71
72 Y (X) IN
DA. 1-69
70 R-Y (X) IN
DA. 1-67
68 B-Y (X) IN



IF-538 BLOCK
BVP-500
BVP-500P

B-BVP500P-IF538BLOCK#1/M1

MD-103 BOARD



MD-103 BLOCK
BVP-500
BVP-500P

CA550-MD103BLOCK#1/M

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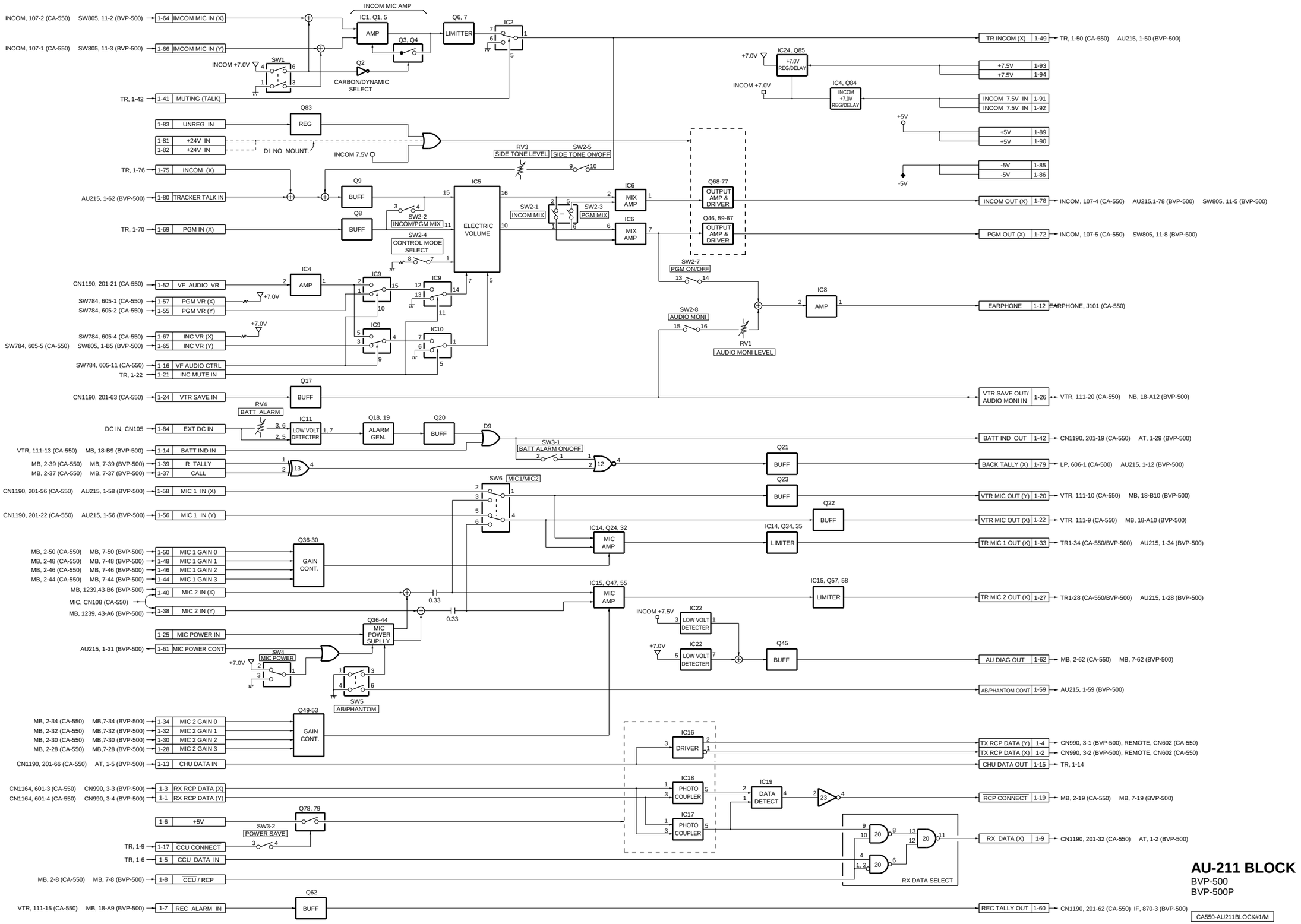
AU-211 BOARD

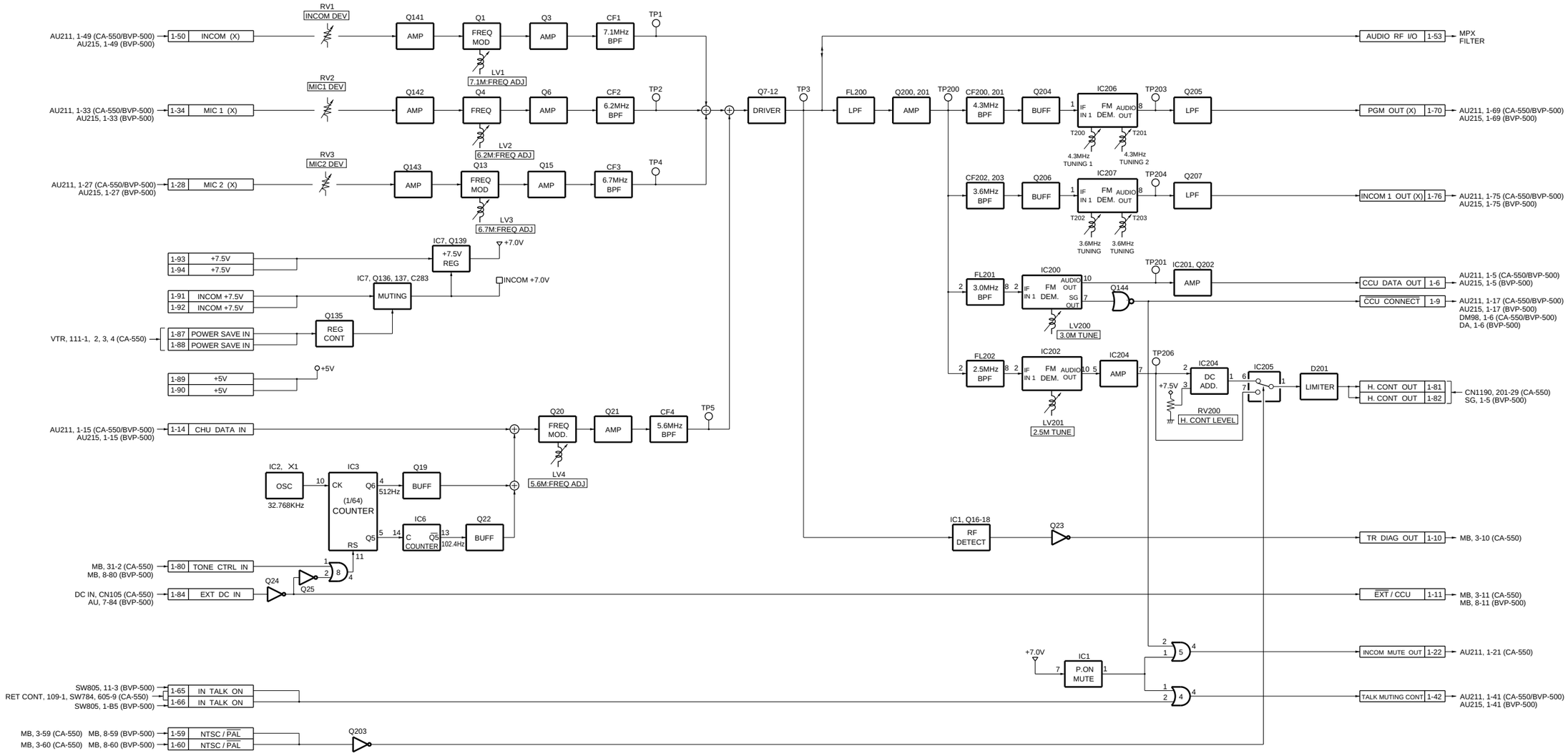


AU-211 BLOCK

BVP-500
BVP-500P

CA550-AU211BLOCK#1/M

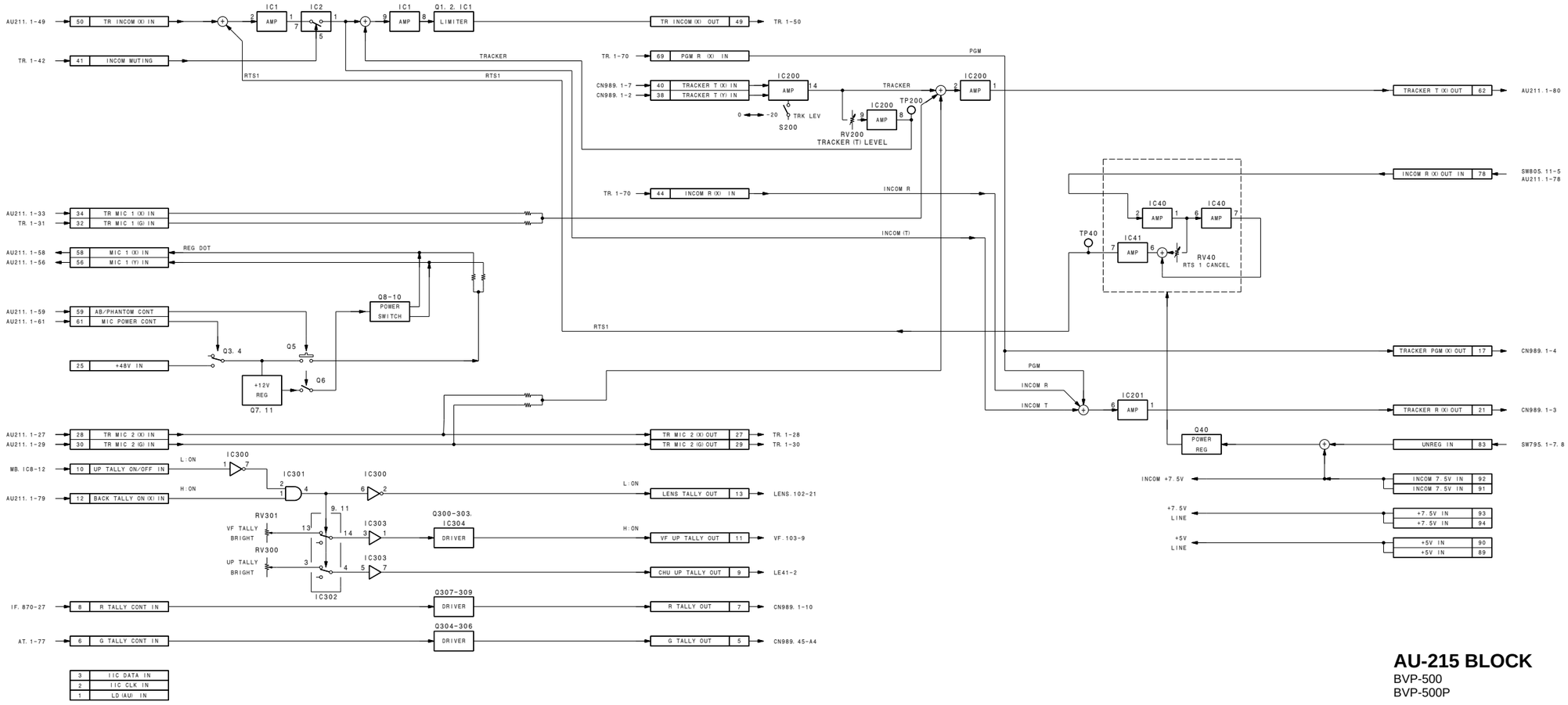
TR-90 BOARD



TR-90 BLOCK
BVP-500
BVP-500P

CA550-TR90BLOCK#1/M

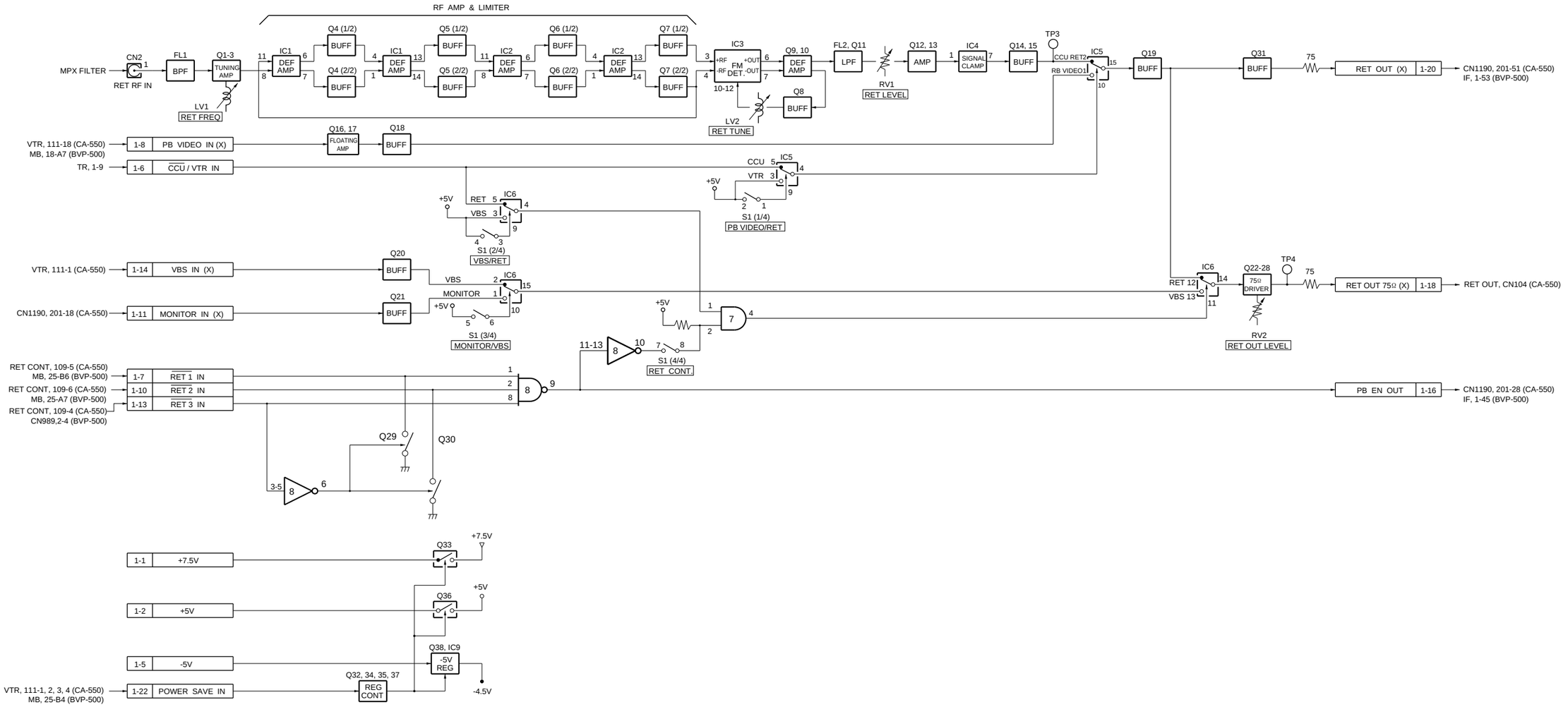
AU-215 BOARD



AU-215 BLOCK
BVP-500
BVP-500P

B-¥BVP500-AU215BLOCK#1/M

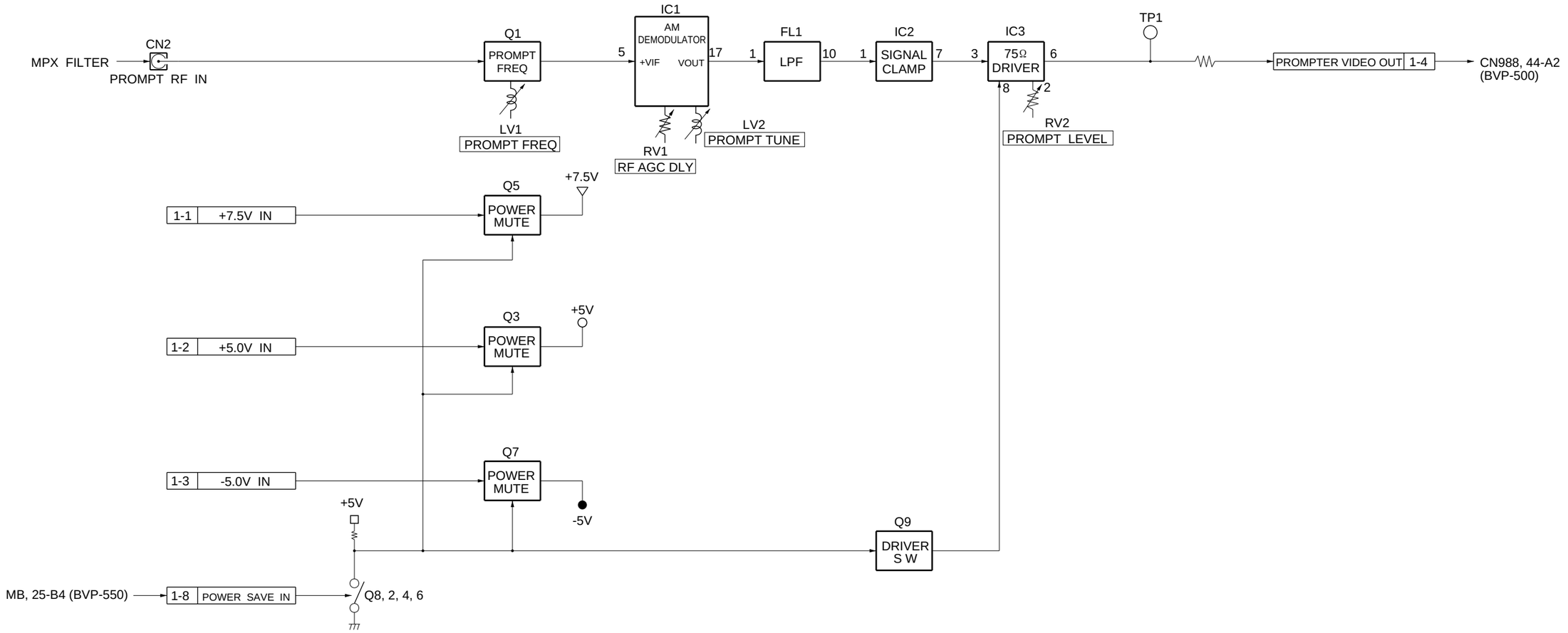
DM-98 BOARD



DM-98 BLOCK
BVP-500
BVP-500P

CA550-DM98BLOCK#1/M

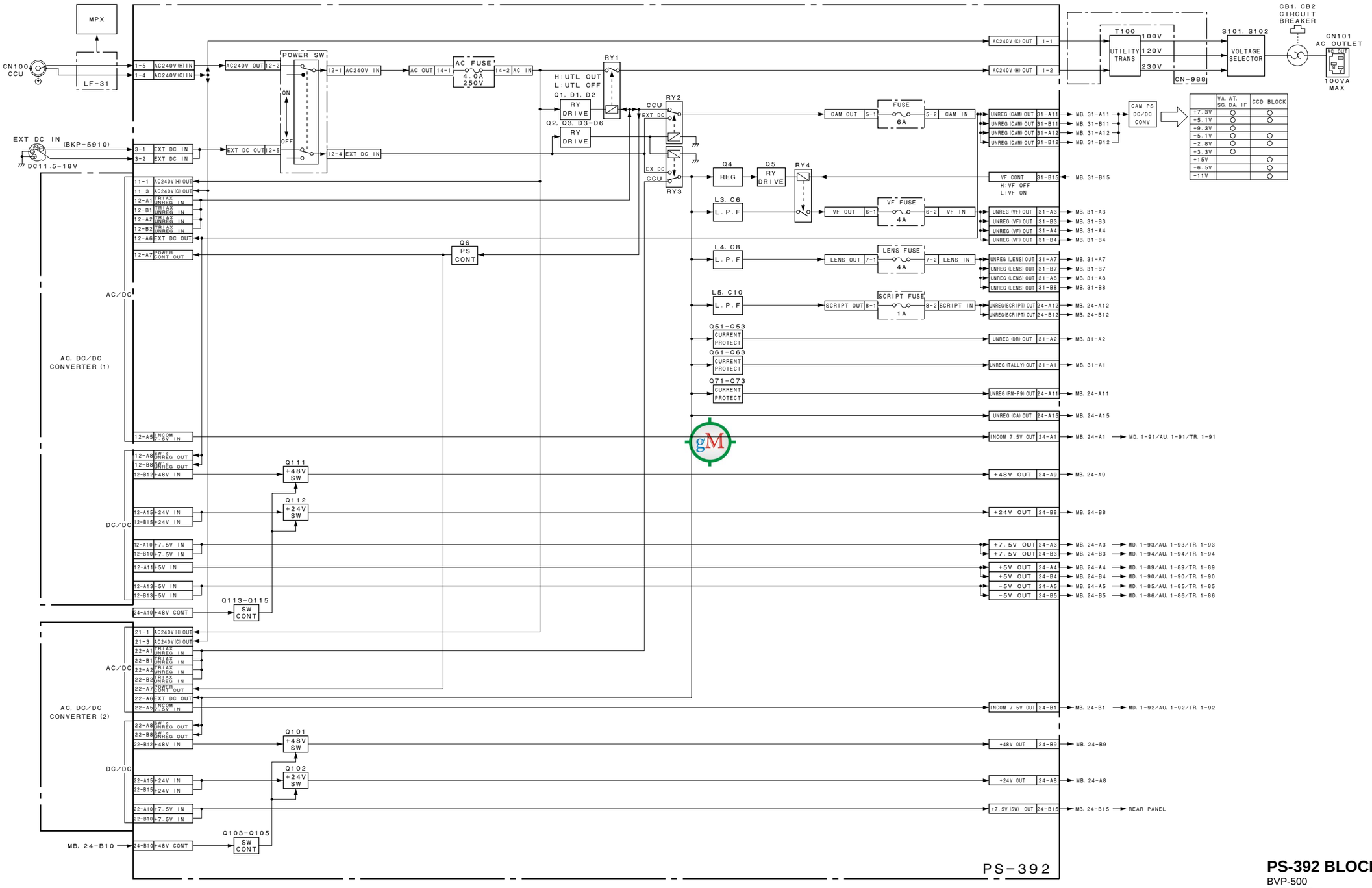
DM-99 BOARD



DM-99 BLOCK
BVP-500
BVP-500P

BVP500-DM99BLOCK#1/M

PS-392 BOARD

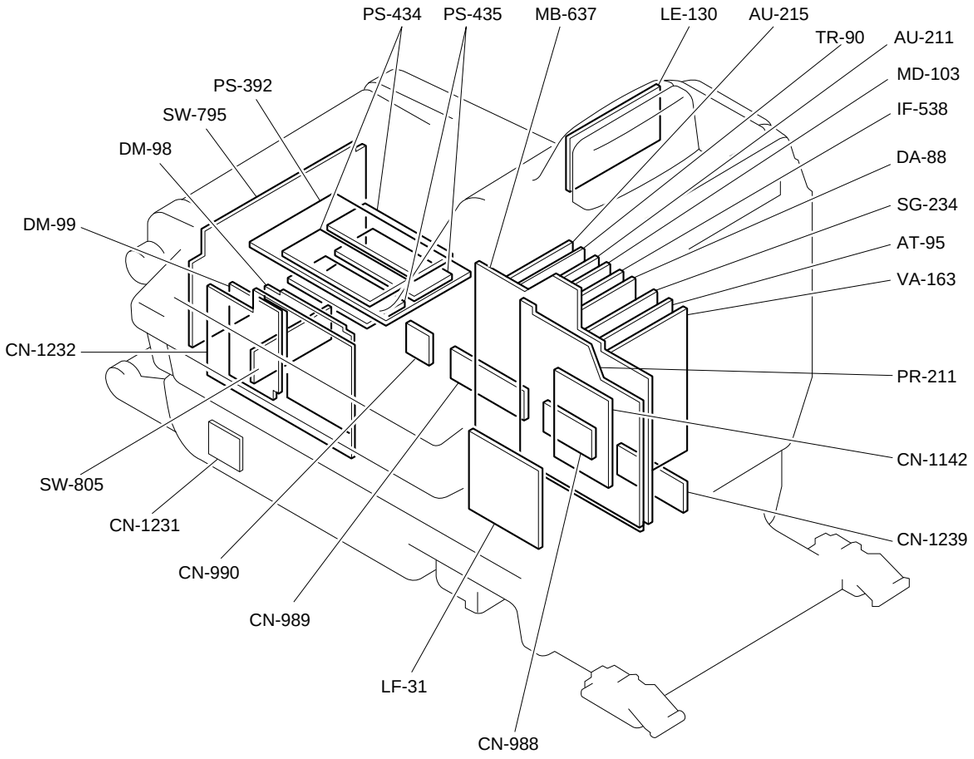


PS-392 BLOCK
BVP-500
BVP-500P

BVP500 SW-REG BLOCK#1/M

Section 4
Schematic Diagrams

LOCATION OF PRINTED CIRCUIT BOARDS

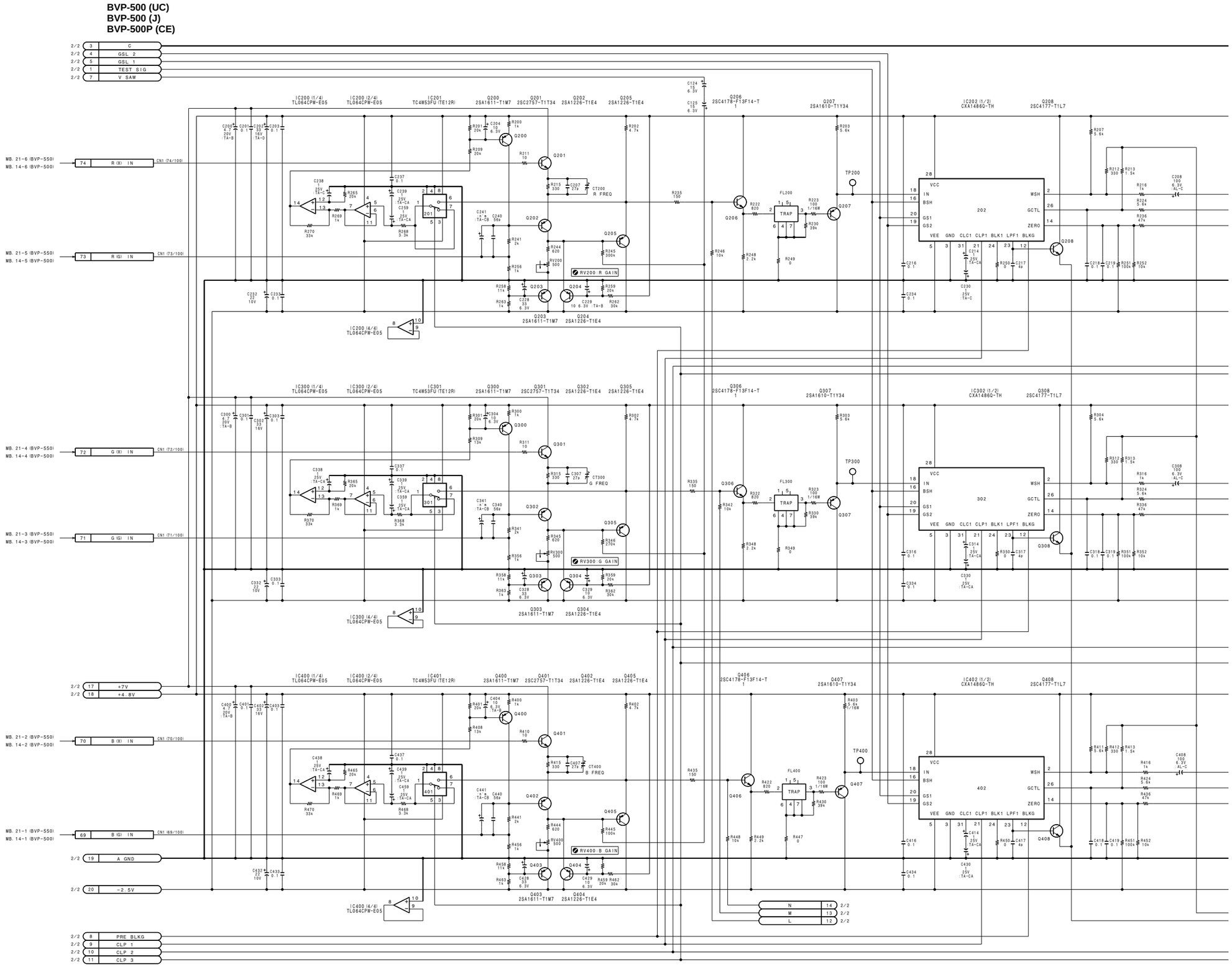


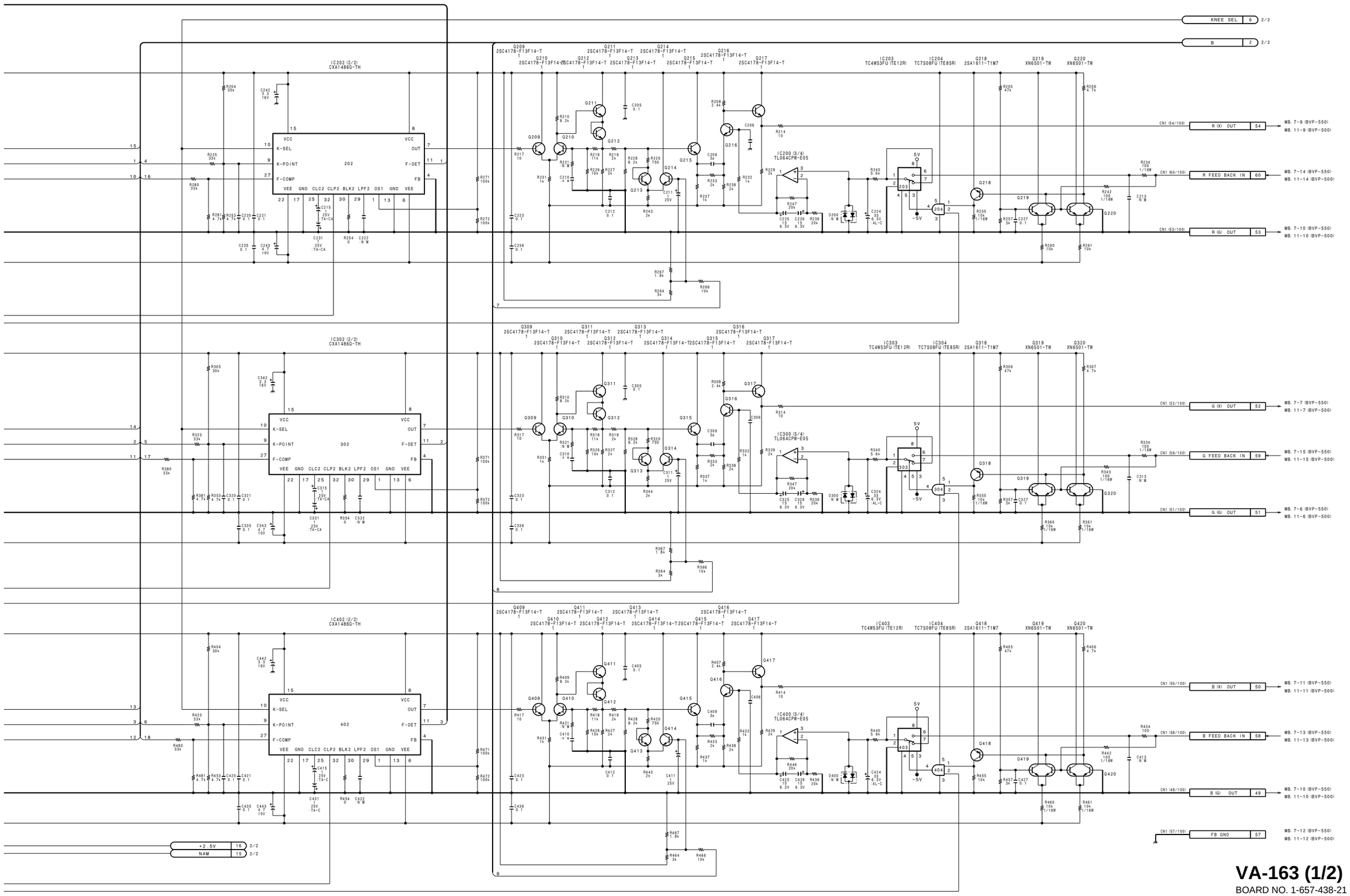
VA-163 BOARD

VA-163 (1-657-438-21)

*: B SIDE

CN1	C-1	* Q213	C-1
		* Q214	C-1
CT200	B-4	* Q215	C-2
CT300	D-4	Q216	C-2
CT400	F-4	Q217	C-1
		* Q218	B-1
* D1	A-3	Q219	C-1
* D2	A-2	Q220	C-1
* D3	A-2	* Q300	C-4
* D4	A-3	* Q301	C-4
* D5	B-3	* Q302	D-4
D7	B-3	* Q303	D-4
* D8	F-3	* Q304	D-4
* D9	F-3	* Q305	D-3
* D10	F-3	Q306	D-3
		* Q307	D-3
FL200	C-3	* Q308	D-3
FL300	D-3	Q309	D-2
FL400	E-3	Q310	D-2
		Q311	D-2
IC1	A-3	Q312	D-2
IC3	B-2	* Q313	D-1
IC5	B-3	* Q314	D-1
IC6	B-2	* Q315	D-2
* IC7	B-3	Q316	D-2
* IC8	F-4	Q317	D-1
IC9	F-4	* Q318	C-1
IC10	F-2	Q319	D-1
IC11	F-2	Q320	D-1
IC12	F-2	* Q400	D-4
IC13	F-2	* Q401	E-4
IC14	F-2	* Q402	E-4
IC15	F-3	* Q403	F-4
IC16	G-3	* Q404	E-4
* IC17	G-3	* Q405	E-3
IC18	G-2	Q406	E-3
* IC19	G-3	* Q407	E-3
IC20	G-2	* Q408	E-3
IC21	G-1	Q409	E-2
IC22	B-4	Q410	E-2
IC23	B-3	Q411	E-2
IC24	G-1	Q412	E-2
IC25	F-1	* Q413	E-1
IC26	F-1	* Q414	E-1
IC27	F-1	* Q415	E-2
IC200	C-4	Q416	E-2
* IC201	C-3	Q417	E-1
IC202	C-2	* Q418	E-1
* IC203	B-2	Q419	E-1
* IC204	B-1	Q420	E-1
IC300	D-4		
* IC301	D-3	RV50	B-4
IC302	D-2	RV200	C-4
* IC303	C-2	RV300	D-4
* IC304	C-1	RV400	F-4
IC400	E-4		
* IC401	E-3	TP200	D-4
IC402	E-2	TP300	E-4
* IC403	D-2	TP400	F-4
* IC404	E-1		
L1	A-2		
L2	A-3		
* Q1	A-2		
* Q2	A-2		
* Q3	A-3		
Q4	B-3		
Q5	A-3		
* Q7	A-3		
Q10	A-4		
Q11	A-4		
Q12	A-4		
Q13	A-4		
Q14	A-4		
* Q200	B-4		
* Q201	B-4		
* Q202	C-4		
* Q203	C-4		
* Q204	C-4		
* Q205	C-3		
Q206	B-3		
* Q207	C-3		
* Q208	C-3		
Q209	B-2		
Q210	C-2		
Q211	B-2		
Q212	C-2		



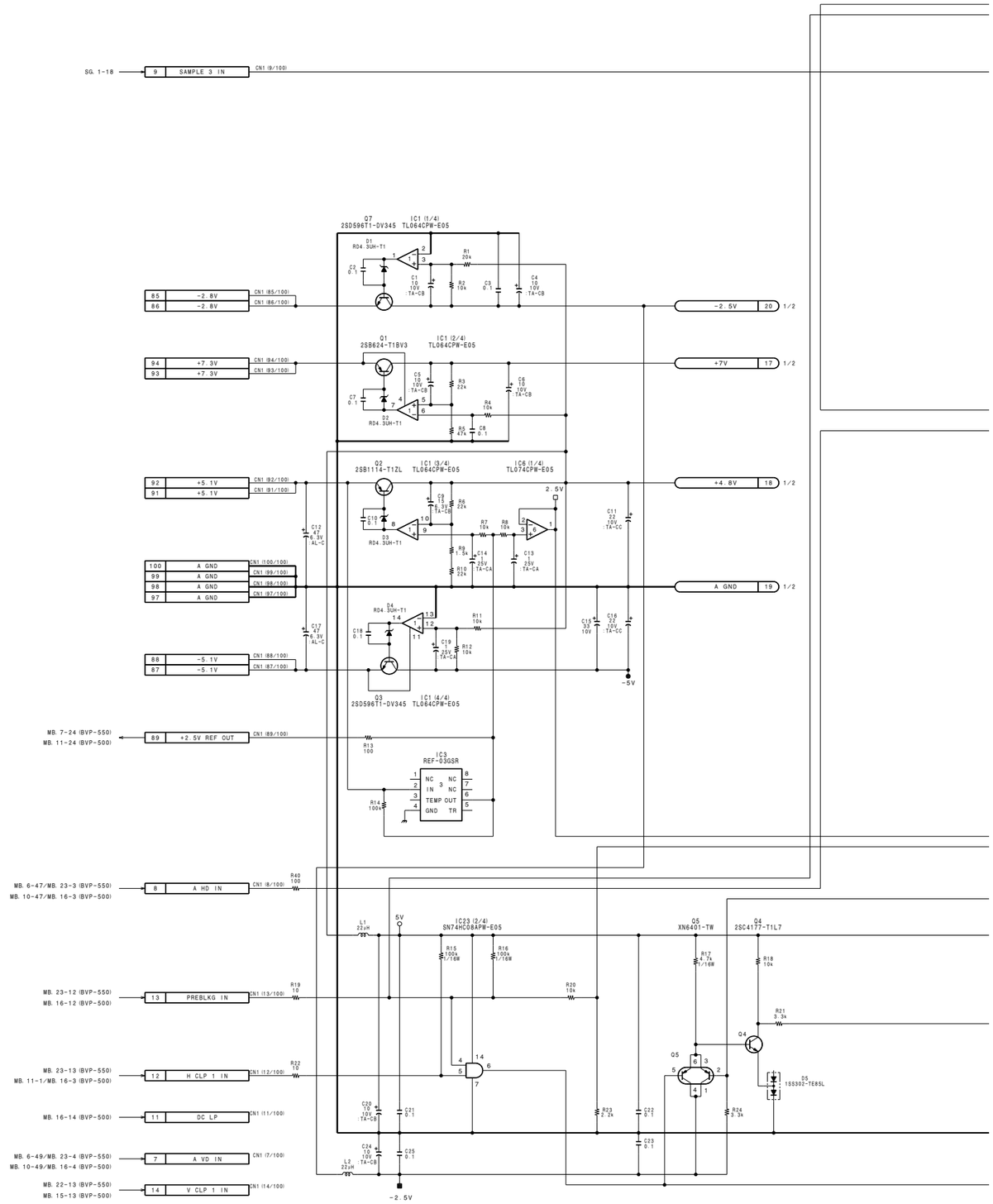


VA-163 (1/2)

BOARD NO. 1-657-438-21
LOT NO. 509-
B-¥BVP550-VA163-12M

BVP-500
BVP-500P

BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)



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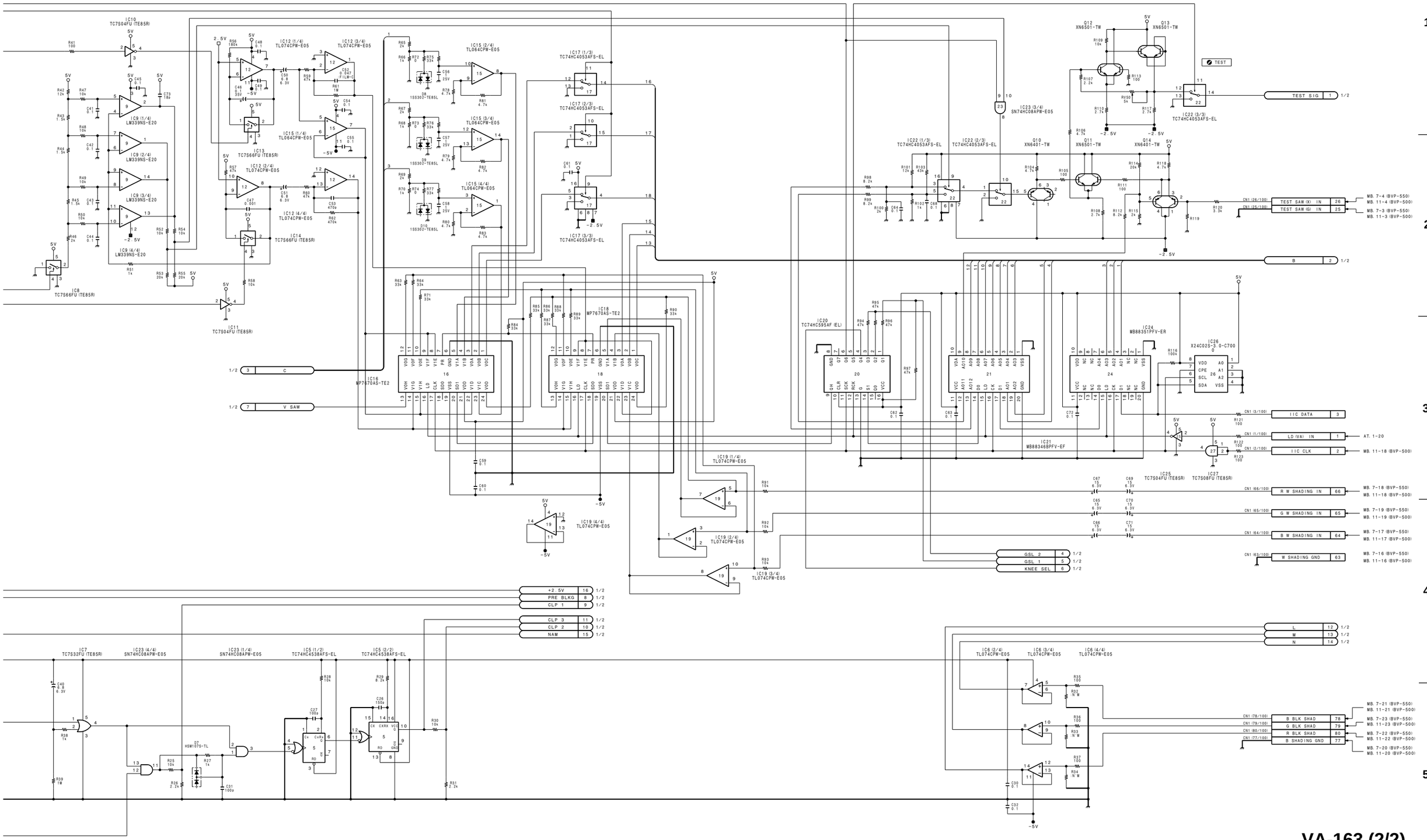


VA-163 (2/2)

BOARD NO22. 1-657-438-21
LOT NO. 509-
B-¥BVP550-VA163-12M

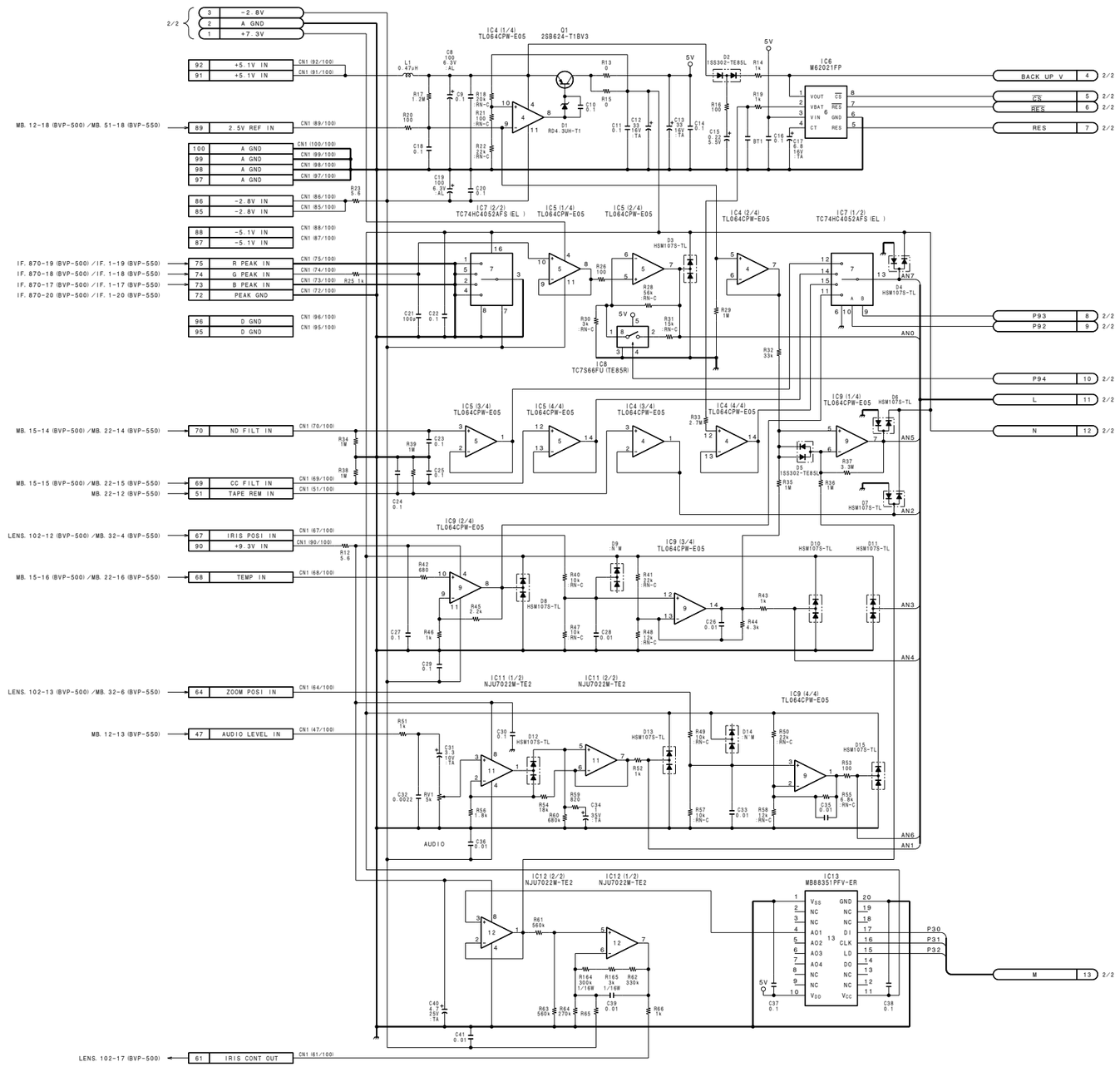
AT-95 BOARD

AT-95 (1-657-448-21)

*: B SIDE

	BT1	B-4
	CNI36	F-2
	CN1	C-1
	D1	A-2
	D2	B-4
*	D3	A-2
*	D4	A-2
*	D5	A-3
*	D6	B-3
*	D7	B-3
*	D8	A-3
*	D10	A-3
*	D11	A-3
*	D12	A-4
*	D13	B-4
*	D15	B-3
*	D16	G-4
*	D17	G-4
*	D18	G-4
*	D19	G-4
*	D20	G-1
*	D21	C-2
*	D22	G-3
	IC1	F-1
*	IC2	G-2
*	IC3	G-1
*	IC4	A-2
*	IC5	B-2
*	IC6	B-4
*	IC7	B-2
*	IC8	A-2
*	IC9	B-3
*	IC11	B-4
*	IC12	C-2
*	IC13	B-2
*	IC14	C-3
*	IC15	D-4
	IC16	D-2
*	IC17	D-4
*	IC18	D-4
*	IC19	D-4
*	IC20	D-4
*	IC21	D-4
*	IC22	D-4
*	IC23	E-3
*	IC24	E-3
	IC25	D-4
*	IC26	E-2
	IC27	E-4
	IC28	F-4
*	IC29	G-3
*	IC30	G-2
*	IC31	F-2
*	IC32	B-2
	IC33	B-2
	IC34	C-2
	IC35	C-4
*	IC37	E-4
	IC38	C-3
*	IC39	E-4
*	IC40	D-2
*	IC41	C-3
*	IC42	D-3
*	IC43	D-3
*	IC44	D-3
*	IC45	D-2
*	IC46	G-4
	IC47	E-2
*	IC48	G-2
	L1	B-1
	L2	F-1
	Q1	A-2
*	Q2	F-2
*	Q3	B-1
*	Q4	C-1
*	Q5	B-1
*	Q6	B-1
	RV1	C-3
	S1	E-3

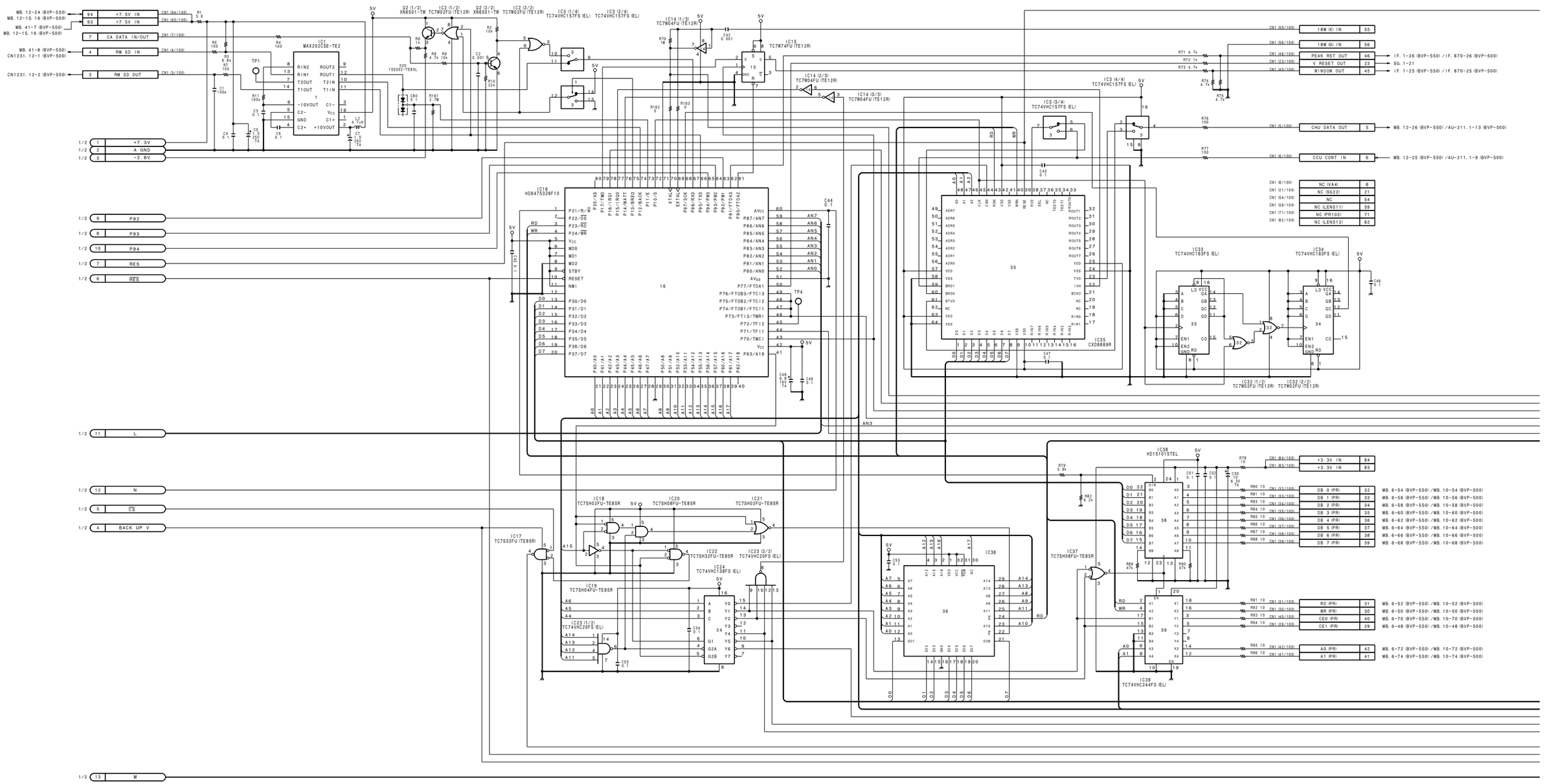
BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)

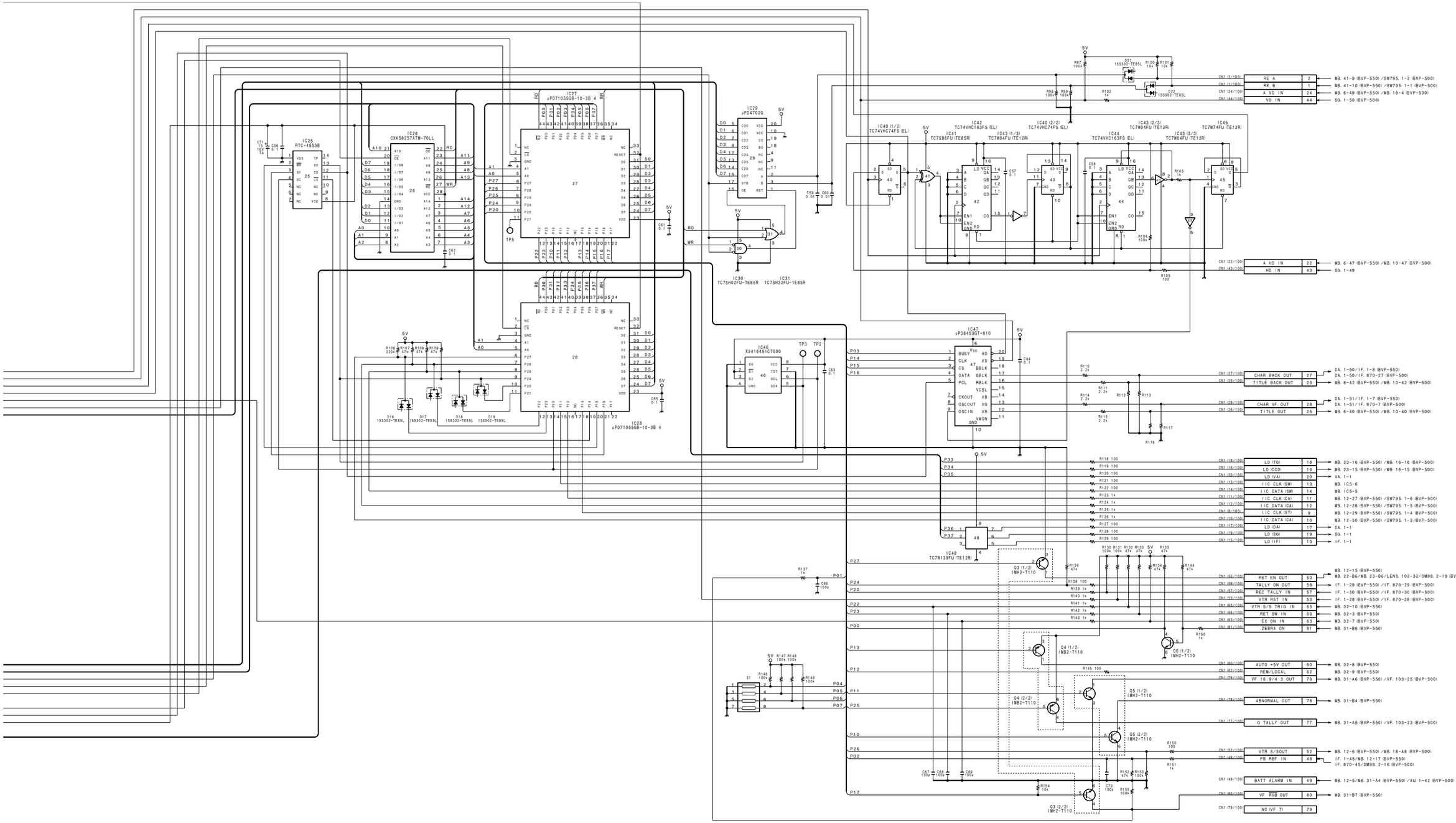


AT-95 (1/2)

BOARD NO. 1-657-448-21
LOT NO. 509-
B-¥BVP550-AT95-12M

BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)





AT-95 (2/2)

BOARD NO. 1-65227-448-21
LOT NO. 509-
B-¥BVP550-AT95-12M

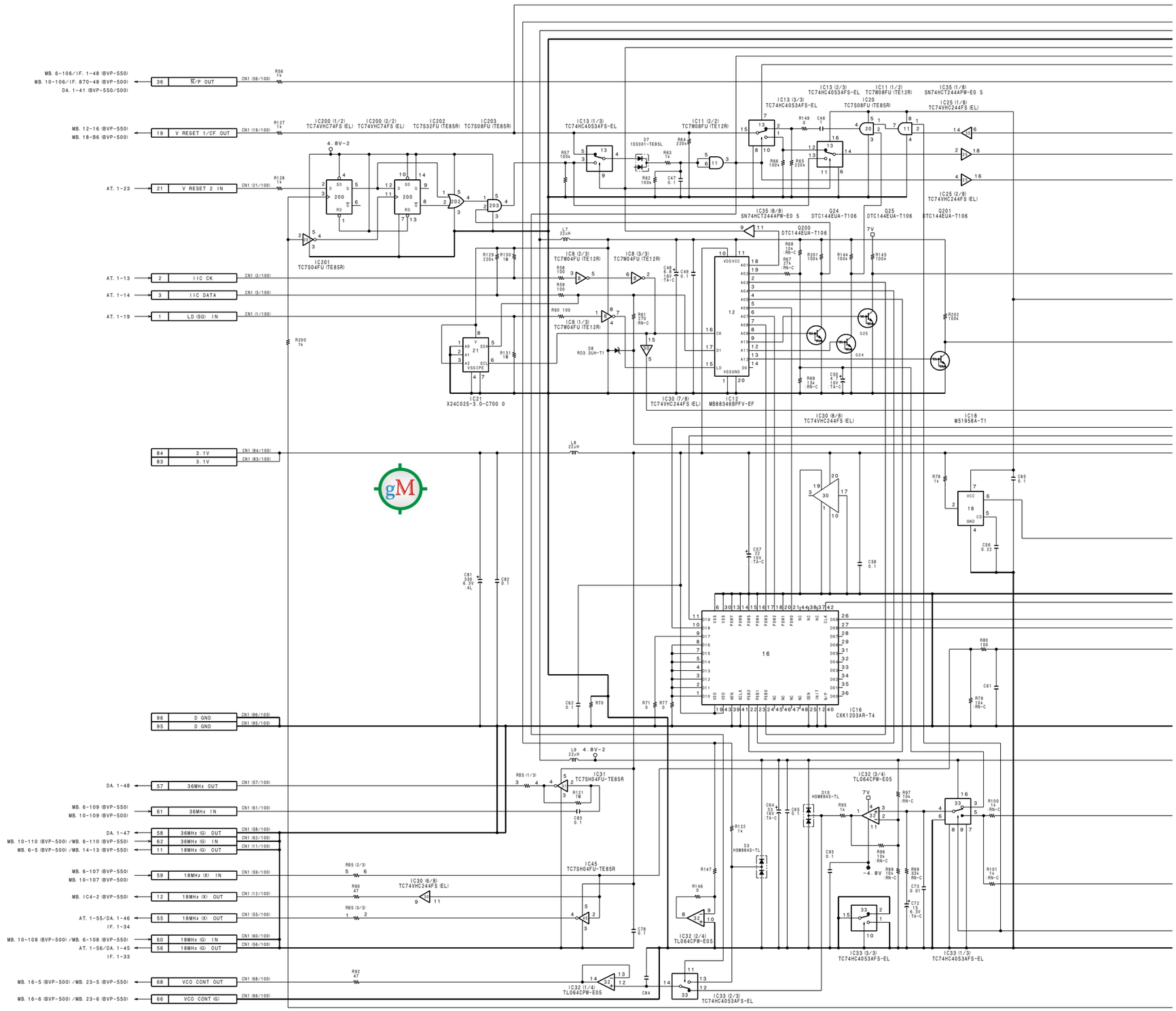
SG-234 BOARD

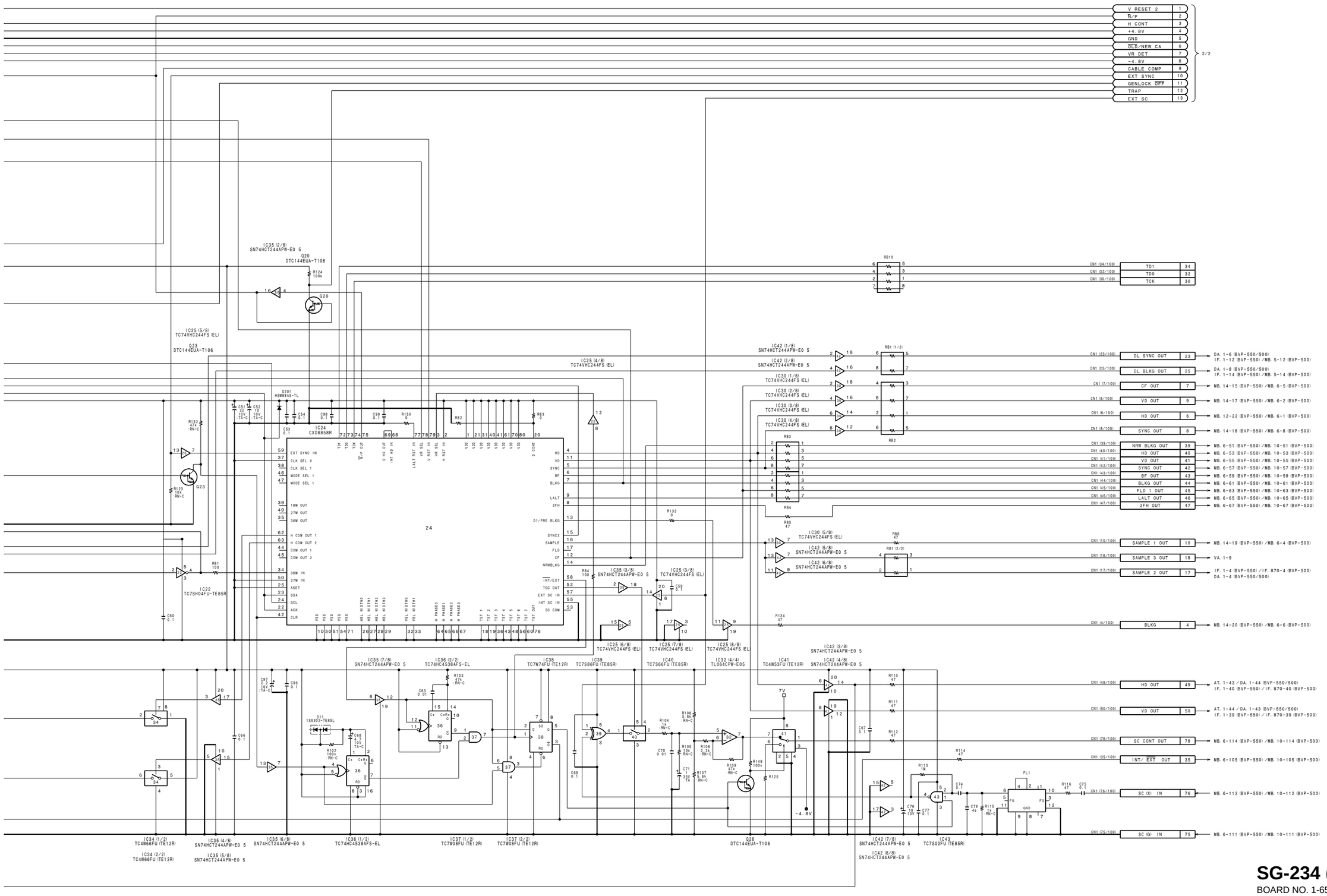
SG-234 (1-657-449-21)

*: B SIDE

CN1	C-1	* Q20	D-4
		* Q21	A-3
D1	A-2	Q22	B-3
* D2	A-2	Q23	G-4
D3	E-2	* Q24	F-1
* D4	A-1	* Q25	F-1
D5	B-3	Q26	D-3
D6	B-4	* Q200	E-1
* D7	D-3	* Q201	F-2
D8	F-1	Q202	A-4
D10	C-2	Q203	A-4
D11	C-3	Q204	B-4
D12	A-3	* Q205	A-3
* D13	D-1		
D14	A-3	RB1	E-1
* D200	B-4	RB2	F-1
* D201	E-3	RB3	D-1
		RB4	D-1
FL1	C-2	RB5	C-1
		RB10	D-1
IC3	A-2		
IC5	B-4		
IC8	F-1		
* IC11	D-3		
IC12	F-1		
IC13	D-3		
IC16	F-2		
* IC17	A-2		
IC18	F-4		
* IC20	D-3		
* IC21	F-1		
* IC22	F-3		
IC24	F-4		
IC25	E-2		
IC30	E-2		
* IC31	C-2		
IC32	D-2		
IC33	D-3		
* IC34	D-4		
IC35	D-4		
IC36	C-4		
IC37	C-3		
IC38	D-3		
* IC39	D-3		
* IC40	C-3		
IC41	D-3		
IC42	D-2		
* IC43	C-3		
IC44	B-3		
* IC45	D-2		
IC46	A-3		
* IC47	B-3		
IC48	A-3		
* IC200	D-1		
* IC201	D-1		
* IC202	D-1		
* IC203	D-1		
* IC204	A-4		
* IC206	B-4		
IC207	B-4		
* L1	A-1		
* L2	A-1		
* L4	B-1		
* L5	B-4		
* L6	C-4		
* L7	F-1		
L8	B-2		
L9	B-2		
Q1	A-2		
* Q2	A-2		
* Q4	B-2		
Q5	A-4		
Q6	A-4		
* Q7	B-4		
Q8	A-4		
* Q9	A-4		
Q10	C-4		
* Q11	A-4		
* Q12	C-3		
* Q14	C-3		
Q15	C-4		
* Q16	A-3		
Q17	A-3		
* Q18	C-4		

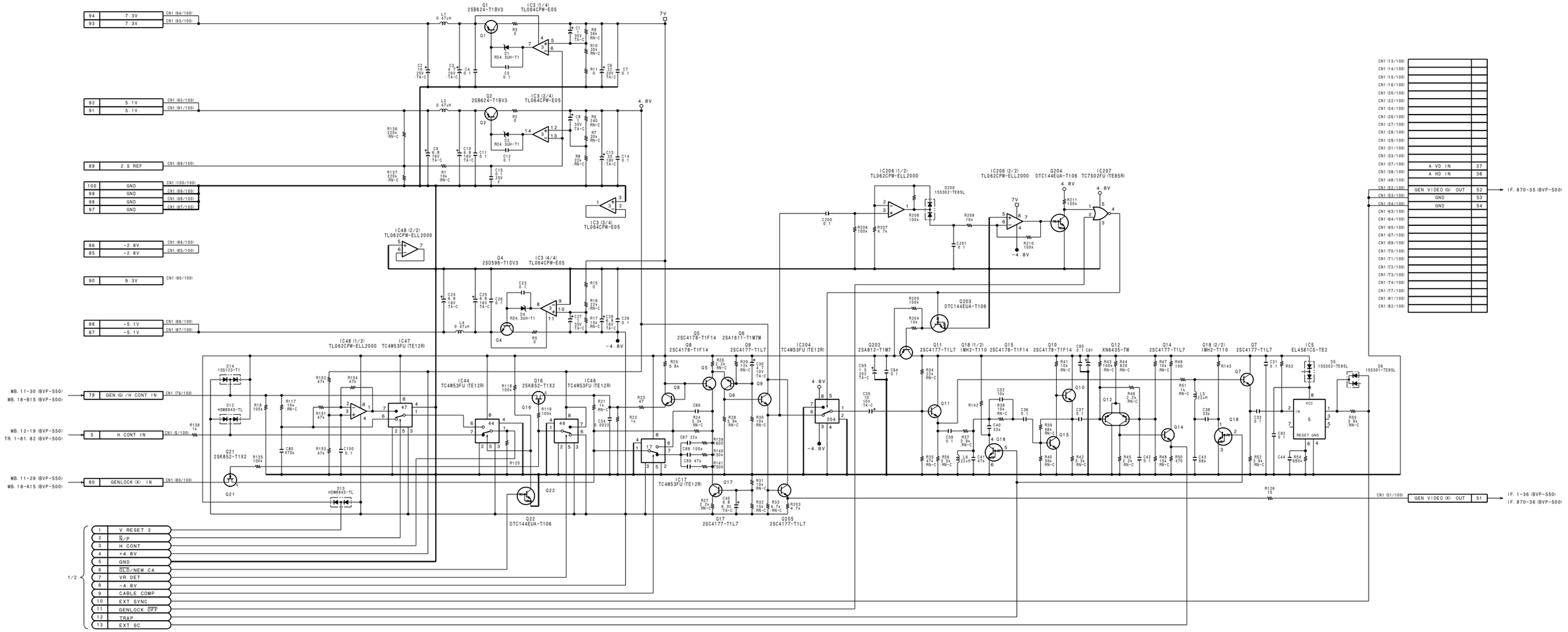
BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)





SG-234 (1/2)
BOARD NO. 1-657-449-21
LOT NO. 509-
B-¥BVP550-SG234-12M

BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)



SG-234 (2/2)

BOARD NO. 1-657-449-21
LOT NO. 509-
B-¥BVP550-SG234-12M

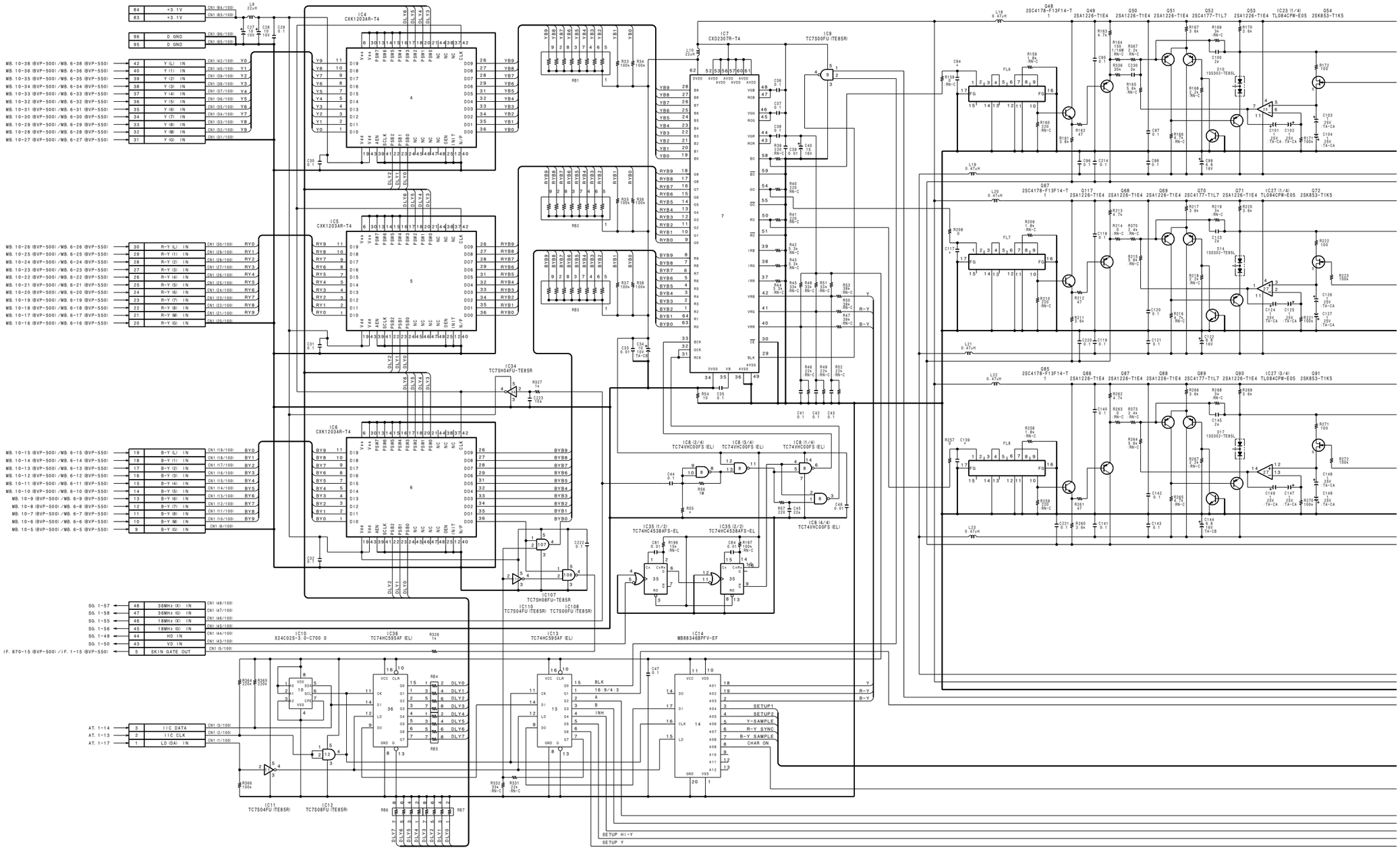
DA-88 BOARD

BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)

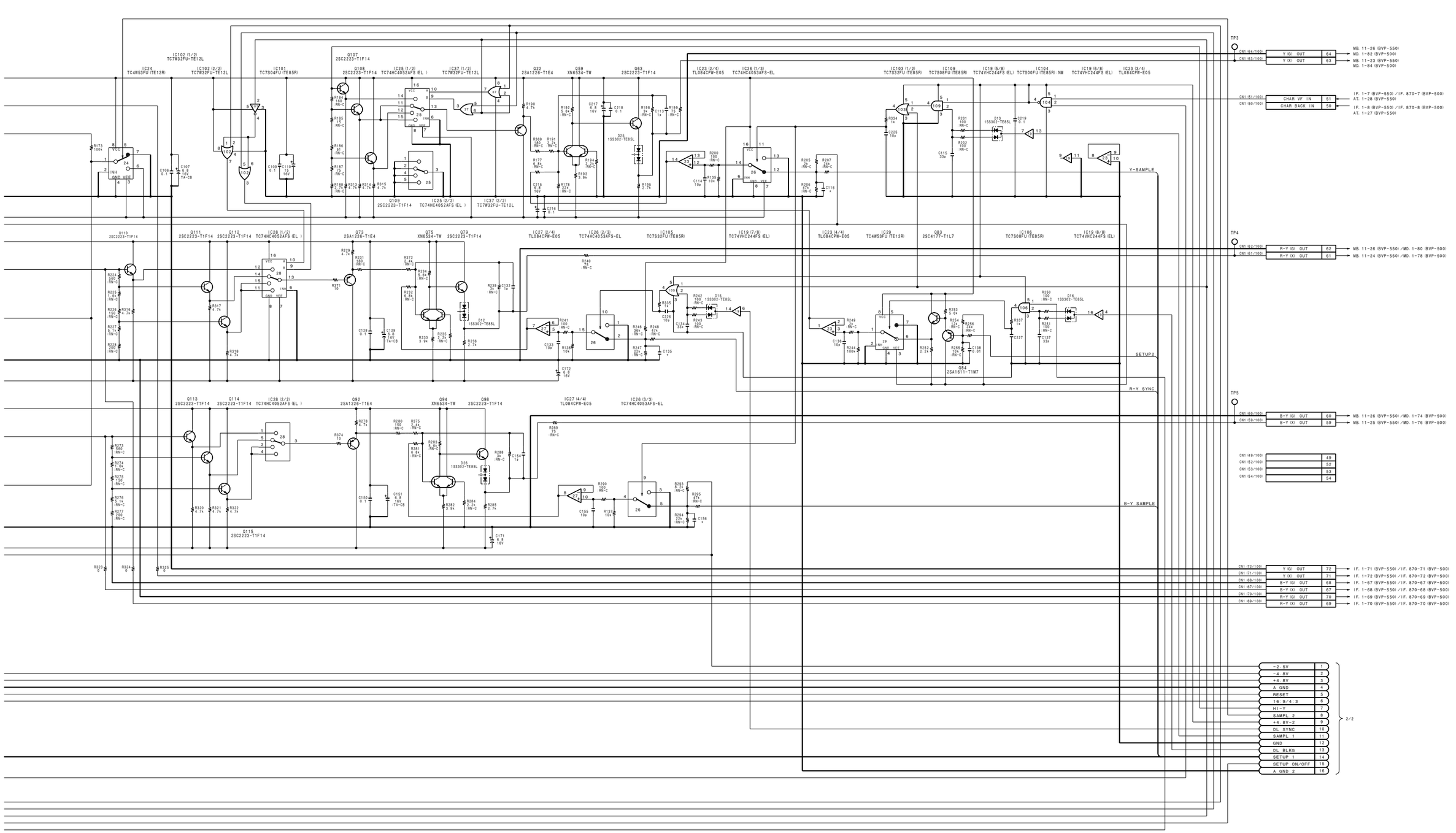
DA-88 (1-657-450-21)

*: B SIDE

CN1	C-1	L6	B-2	* Q103	C-2
		L7	A-3	* Q104	C-3
* D1	A-2	L8	A-3	Q105	G-2
* D2	B-1	L9	B-1	* Q106	G-1
* D3	B-1	L10	D-2	* Q107	B-3
* D5	A-4	L11	F-1	* Q108	C-3
* D6	G-2	L12	G-1	* Q109	C-3
D7	F-2	L13	G-3	* Q110	E-4
* D9	C-1	L14	A-3	* Q111	E-4
* D10	D-3	L15	B-3	* Q112	E-4
* D11	G-2	L16	B-2	* Q113	F-4
D12	E-4	L17	B-2	* Q114	G-4
D13	G-2	L18	D-4	* Q115	G-4
* D14	E-3	L19	D-4	Q117	D-3
D15	G-2	* L20	E-4		
D16	G-2	* L21	E-4	* RB1	D-2
* D17	G-3	* L22	F-4	* RB2	E-2
D24	B-3	L23	G-4	* RB3	E-2
D25	C-4	L24	G-1	RB4	F-2
D26	G-4	L25	F-1	RB5	F-1
* D100	A-3			* RB6	F-2
* D101	C-2	* Q1	A-2	* RB7	F-2
* D102	G-2	Q2	A-2		
		Q3	B-2	TP1	B-2
E1	F-4	* Q4	A-3	TP2	C-1
		* Q7	A-3	TP3	D-4
FL1	A-4	* Q8	A-3	TP4	E-4
FL2	A-3	* Q9	A-3	TP5	F-4
FL3	B-3	* Q10	A-2		
FL4	B-2	* Q11	B-3		
FL5	C-2	* Q12	A-4		
FL6	D-3	* Q13	B-4		
FL7	E-3	Q14	B-4		
FL8	F-3	Q15	A-4		
		* Q16	A-4		
* IC1	A-1	Q17	B-4		
* IC2	B-1	* Q18	B-4		
* IC3	A-2	* Q19	B-3		
* IC4	D-1	* Q20	A-2		
* IC5	E-1	* Q22	C-3		
* IC6	E-1	Q23	B-3		
* IC7	D-2	* Q25	C-4		
* IC8	D-1	* Q26	B-4		
IC9	E-2	* Q27	B-2		
* IC10	E-1	* Q28	B-1		
IC11	F-1	* Q29	C-2		
IC12	F-1	* Q30	B-2		
* IC13	E-2	* Q32	C-2		
IC14	F-2	* Q33	C-2		
* IC15	B-3	* Q34	C-2		
IC16	B-4	Q43	C-2		
* IC17	B-4	Q44	C-1		
* IC18	C-4	* Q45	F-1		
IC19	G-2	* Q46	G-1		
* IC20	C-2	* Q47	G-1		
IC23	C-3	* Q48	D-4		
* IC24	D-4	* Q49	D-3		
IC25	C-3	* Q50	D-4		
IC26	C-4	* Q51	D-4		
IC27	E-3	* Q52	D-4		
IC28	F-4	* Q53	D-4		
IC29	C-4	* Q54	D-4		
IC34	D-1	Q59	C-4		
* IC35	E-1	Q63	C-4		
* IC36	F-2	* Q67	D-3		
* IC37	C-3	* Q68	E-3		
IC100	F-2	* Q69	E-3		
IC101	C-3	* Q70	E-3		
IC102	C-3	* Q71	E-3		
IC103	G-2	Q72	E-3		
* IC104	G-2	* Q73	E-4		
IC105	G-2	Q75	E-4		
IC106	G-2	Q79	E-4		
IC107	E-2	* Q83	C-4		
IC108	E-2	* Q84	C-4		
IC109	G-2	* Q85	F-3		
IC110	E-2	Q86	F-3		
		* Q87	G-3		
* JR1	B-4	* Q88	G-3		
* JR2	A-4	* Q89	G-3		
* JR3	C-2	* Q90	G-3		
* JR4	B-3	Q91	G-3		
		* Q92	F-4		
L1	A-1	Q94	G-4		
L2	A-2	Q98	G-4		
L3	A-1	* Q100	A-4		
L4	A-2	* Q101	A-4		
L5	B-1	* Q102	C-2		



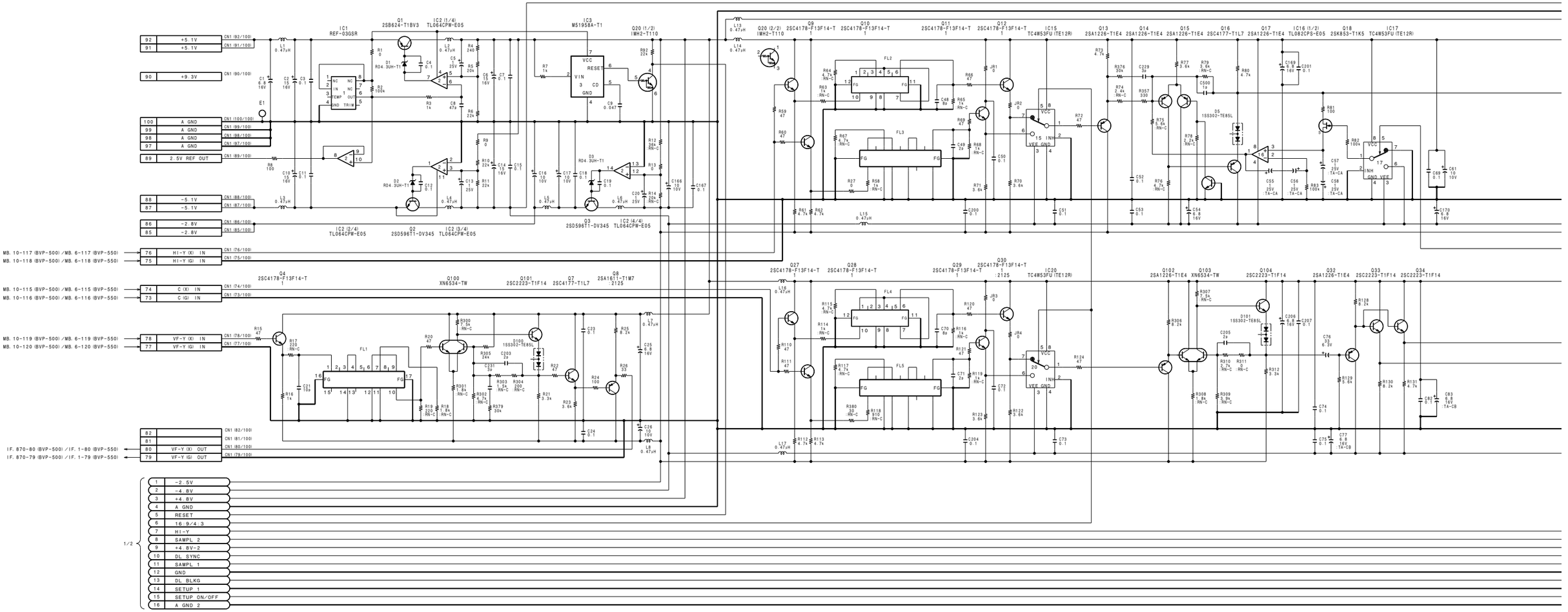
http://getMANUAL.com

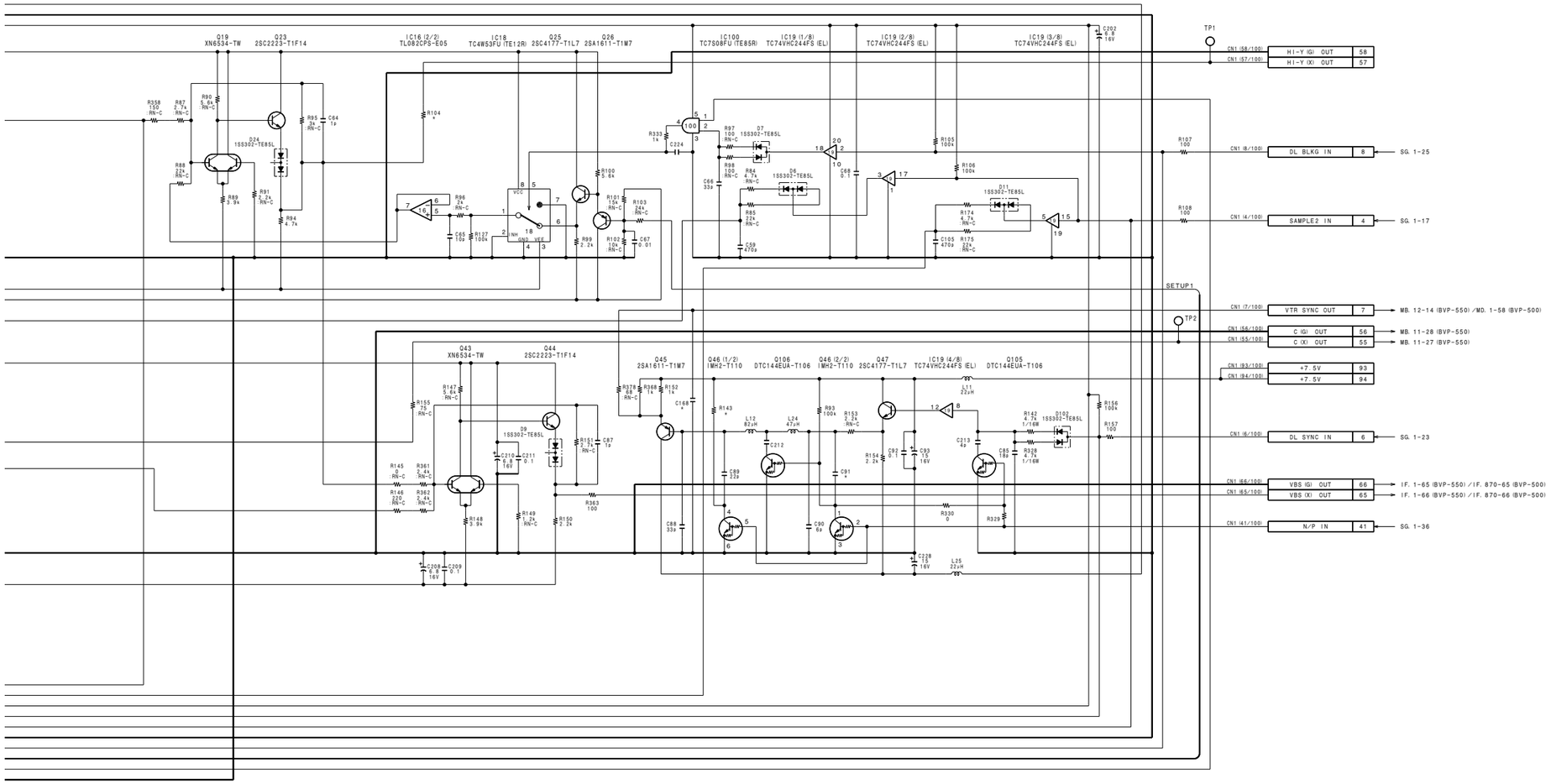


DA-88 (1/2)

BOARD NO. 1-657-450-21
LOT NO. 509-
B-¥BVP550-DA88-12M

BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)





DA-88 (2/2)

BOARD NO. 1-657-450-21
LOT NO. 509-
B-¥BVP550-DA88-12M

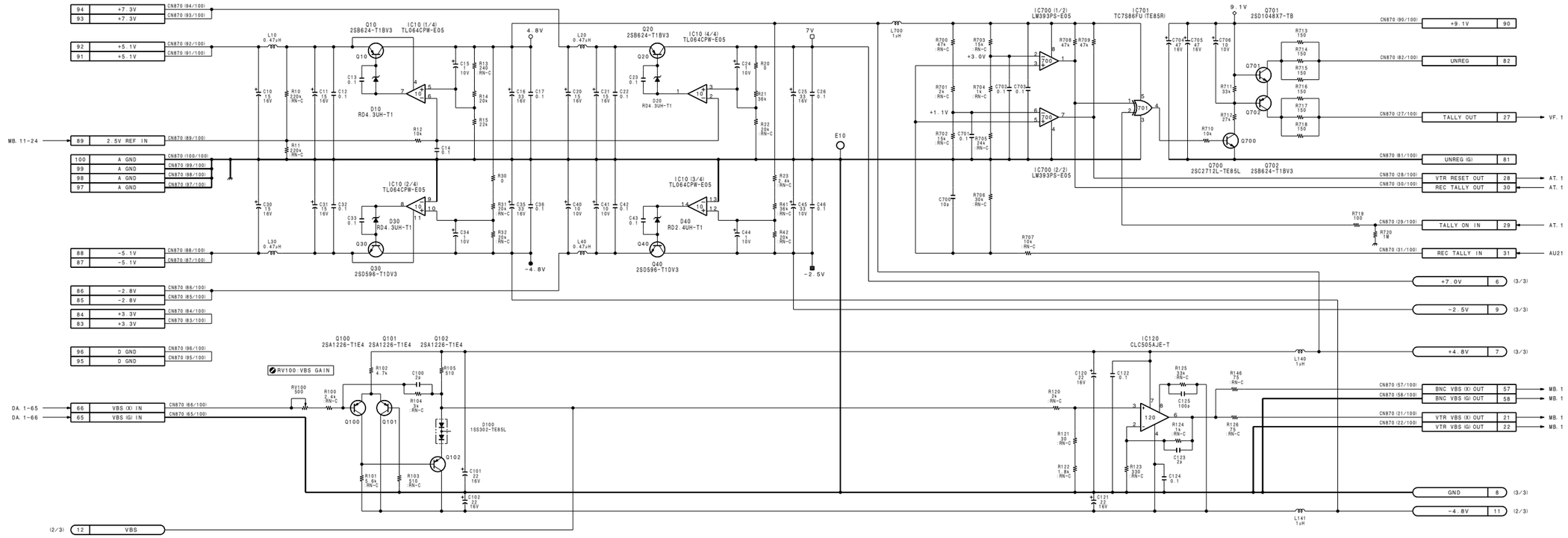
IF-538 BOARD

IF-538 (1-658-610-21)

*: B SIDE

	CN870	C-1	*	L853	C-3
			*	L870	B-3
*	D10	A-1		L871	B-2
*	D20	A-2	*	L872	B-2
*	D30	A-1		L900	F-1
*	D40	A-3		L1060	F-3
*	D100	D-2	*	L1061	E-3
*	D200	C-2	*	L1062	F-4
*	D820	C-4			
*	D870	C-3	*	Q10	A-1
*	D871	C-2	*	Q20	A-2
*	D872	C-2	*	Q30	A-1
*	D1062	F-4	*	Q40	A-3
			*	Q100	D-3
	E10	F-4	*	Q101	D-3
			*	Q102	D-2
*	IC10	A-2	*	Q200	C-1
	IC120	D-2	*	Q201	C-2
	IC200	C-2	*	Q202	C-2
	IC350	C-2	*	Q203	C-2
	IC351	B-2		Q250	C-1
	IC380	C-1		Q251	C-1
	IC400	E-3	*	Q252	C-1
	IC450	E-2		Q300	B-2
	IC451	E-2	*	Q302	C-2
	IC500	E-2	*	Q350	C-2
*	IC501	E-2	*	Q351	B-1
*	IC502	E-2	*	Q380	C-1
	IC550	E-2	*	Q400	D-2
*	IC600	F-1	*	Q401	E-3
*	IC601	F-1	*	Q450	D-2
	IC602	F-2	*	Q451	E-2
	IC603	F-2	*	Q550	E-2
*	IC651	F-2	*	Q551	E-2
	IC652	F-2	*	Q650	B-4
*	IC654	B-4		Q680	E-1
*	IC655	C-4	*	Q681	E-1
*	IC660	F-2	*	Q700	A-3
*	IC661	E-1	*	Q701	A-3
*	IC662	E-1	*	Q702	A-3
*	IC680	E-1	*	Q800	D-3
	IC700	A-4	*	Q801	D-3
	IC701	A-3		Q818	B-3
	IC800	D-3	*	Q819	E-4
	IC801	D-3	*	Q820	E-4
	IC802	D-3	*	Q821	E-4
	IC803	D-3	*	Q822	D-4
	IC820	E-4	*	Q823	D-4
*	IC821	C-4	*	Q824	D-4
	IC850	C-3	*	Q825	D-4
	IC851	A-4	*	Q826	D-4
	IC852	B-4	*	Q827	D-3
	IC870	B-3	*	Q828	C-4
	IC871	C-2	*	Q870	C-3
	IC872	B-3		Q871	B-2
*	IC873	B-3		Q872	C-2
*	IC874	B-3	*	Q873	B-2
	IC900	F-1	*	Q874	B-2
*	IC901	F-1	*	Q875	B-2
	IC902	F-2	*	Q876	B-2
*	IC903	F-2	*	Q1000	F-3
*	IC904	F-1		Q1001	F-3
	IC1060	F-4		Q1002	F-3
	IC1061	F-4	*	Q1020	F-3
	IC1062	G-3		Q1021	F-3
*	IC1063	F-3		Q1022	F-3
			*	Q1040	E-4
	L10	A-1		Q1041	E-4
	L20	A-2		Q1042	F-4
	L30	A-1	*	Q1043	F-4
	L40	A-2	*	Q1062	F-4
*	L140	D-1			
*	L141	D-1		RV100	D-4
*	L200	C-3			
*	L351	B-1		S200	C-2
	L352	C-2		S650	B-4
*	L353	B-1			
*	L381	E-2		TP820	C-4
	L382	E-1		TP870	B-2
*	L450	D-1			
	L451	D-2			
*	L452	D-1			
	L550	E-1			
*	L551	E-2			
	L700	A-3			
*	L800	C-3			
*	L820	D-4			
*	L850	C-3			
*	L851	A-4			
*	L852	B-3			

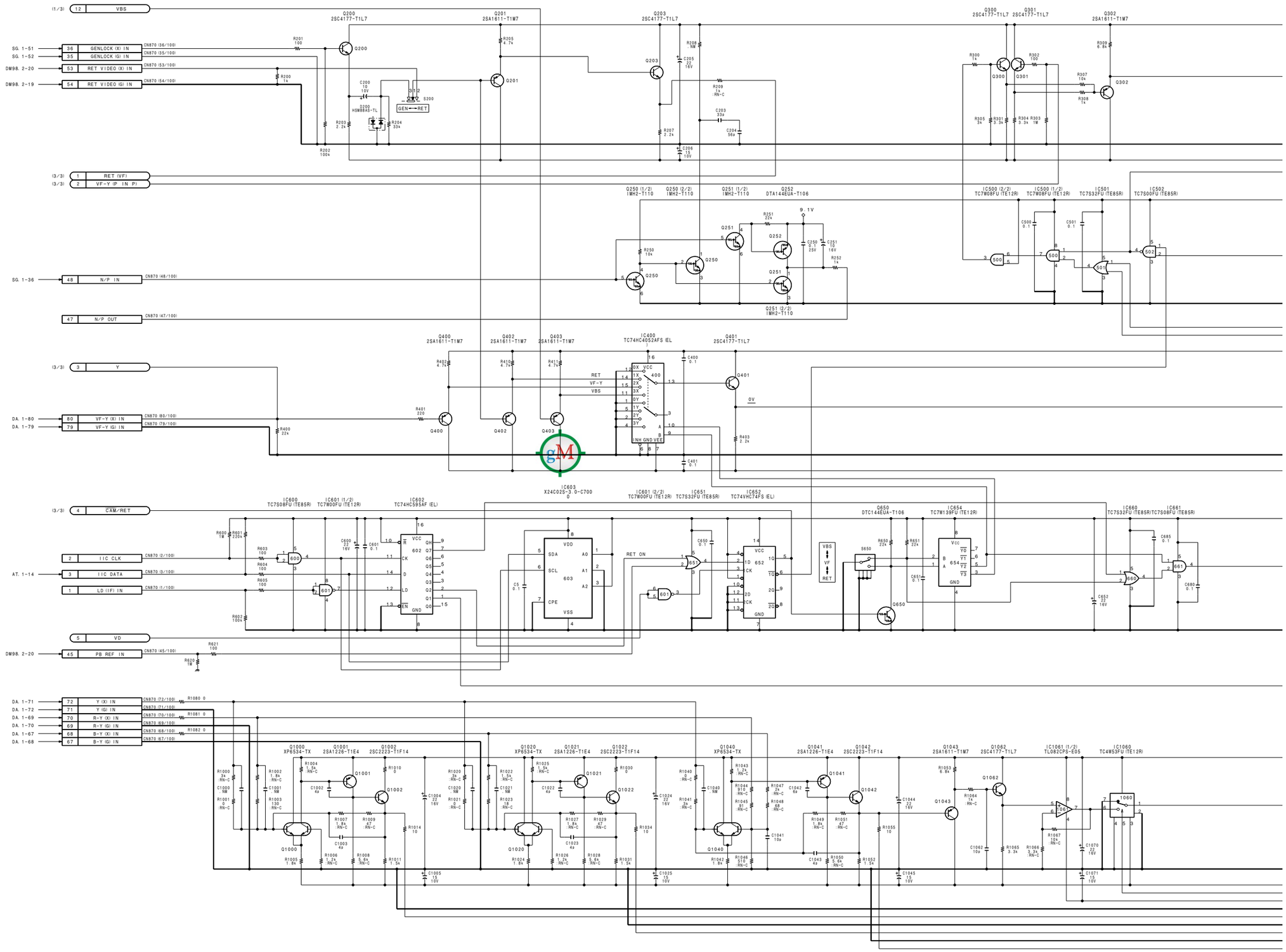
BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)

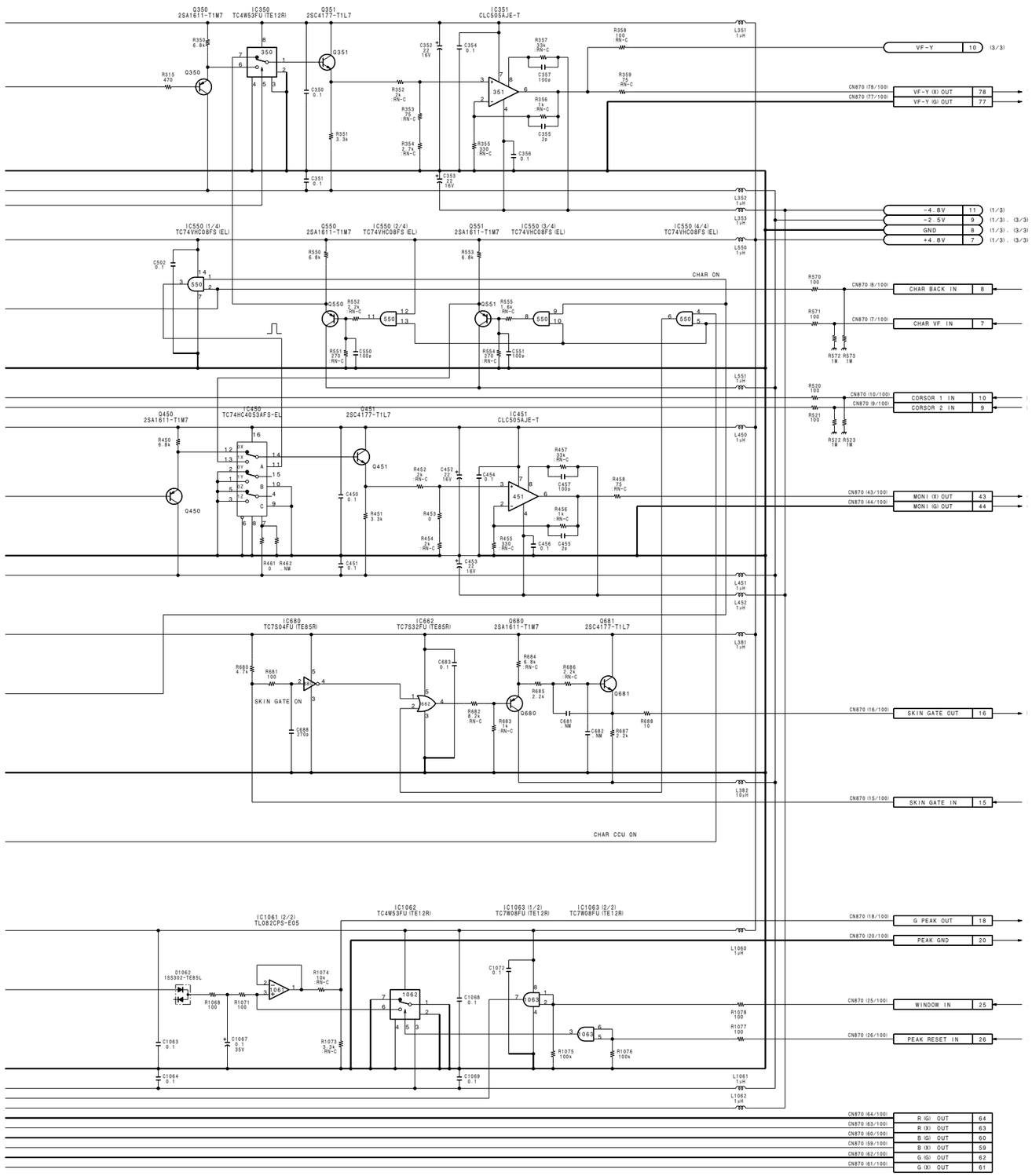


IF-538 (1/3)

BOARD NO. 1-658-610-21
LOT NO. 509-
B-¥BVP500-IF538-12

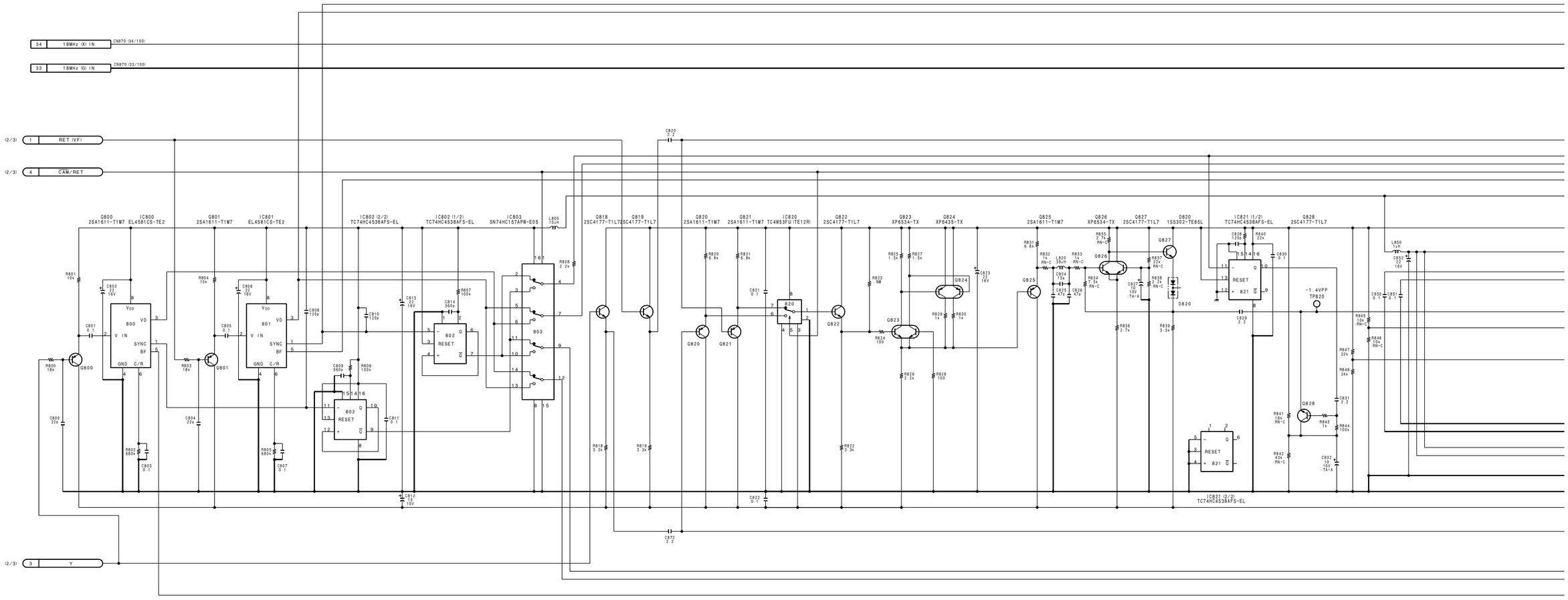
BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)

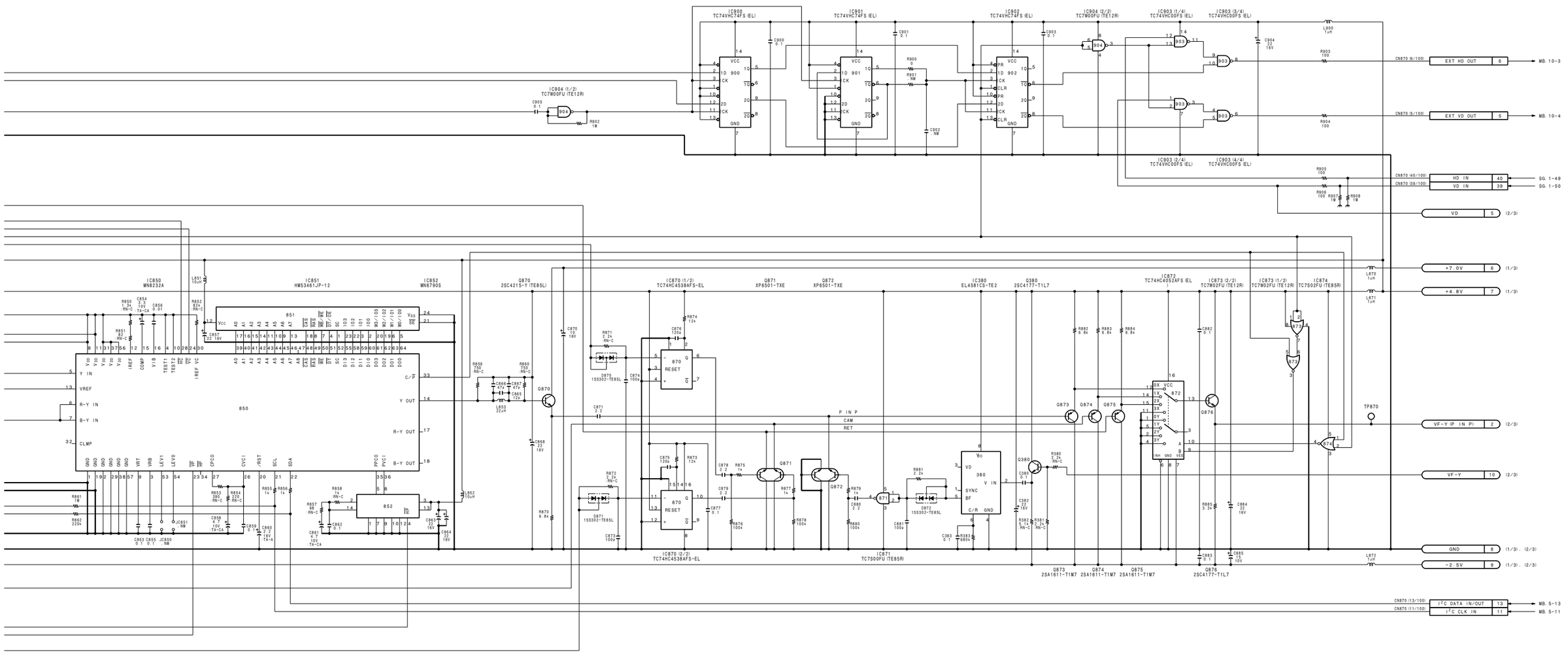




IF-538 (2/3)
BOARD NO. 1-658-610-21
LOT NO. 509-
B-¥BVP500-IF538-12

BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)





IF-538 (3/3)
BOARD NO. 1-658-610-21
LOT NO. 509-
B-¥BVP500-IF538-12

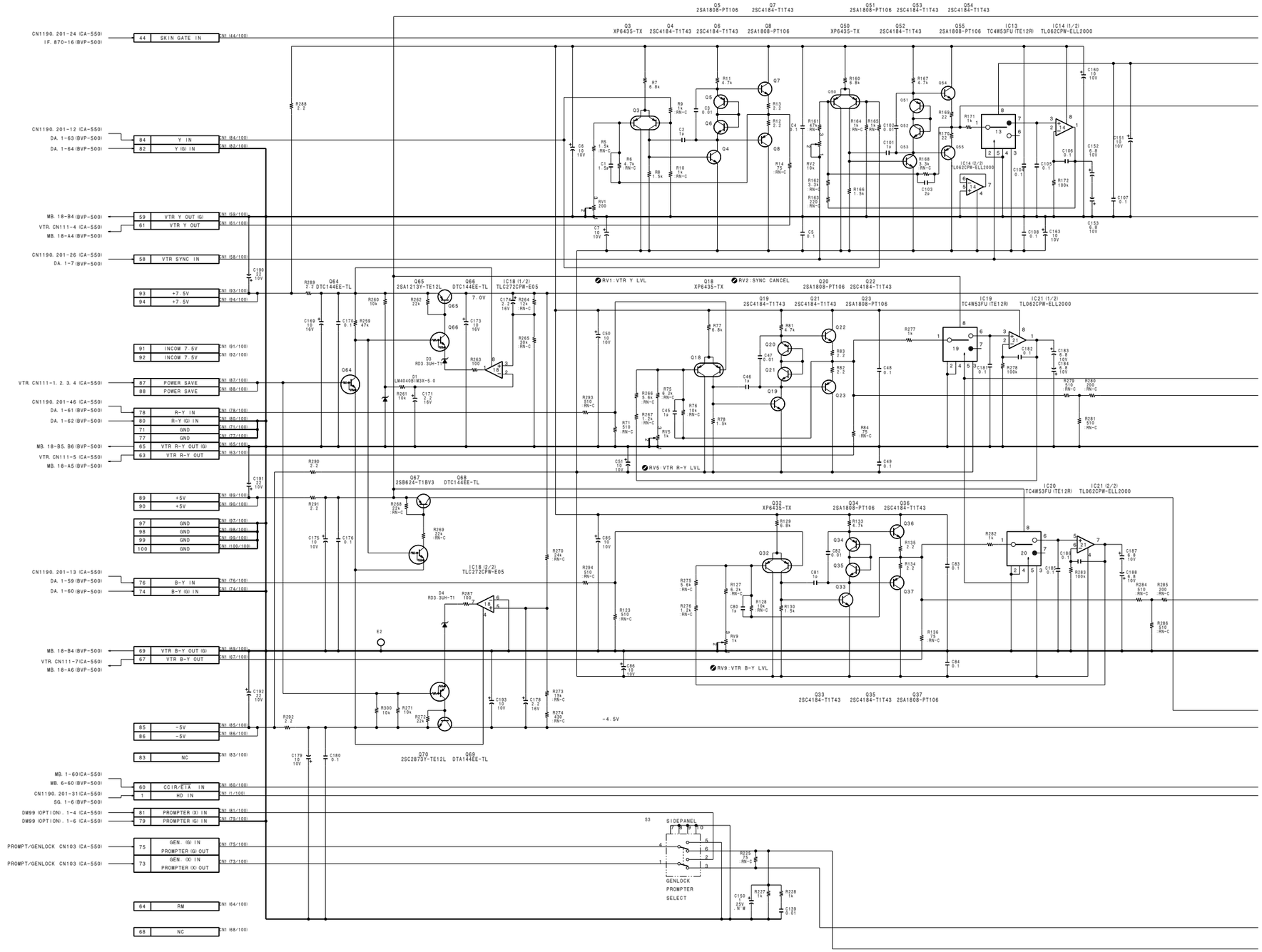
BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)

MD-103 BOARD

MD-103 (1-6528-119-21)

*: B SIDE

	CN1	C-1	
*	D1	B-1	
	D3	B-2	
*	D4	B-1	
	E1	C-1	
	E2	A-4	
	FL1	C-3	
	FL2	C-2	
	FL3	C-1	
	FL4	D-3	
	FL5	D-2	
	FL6	E-3	
	FL7	F-2	
	FL8	F-2	
	FL9	C-2	
	IC1	C-3	
	IC2	C-3	
	IC3	C-2	
	IC4	D-2	
	IC5	D-1	
	IC6	E-2	
	IC12	F-2	
	IC13	A-2	
	IC14	A-2	
	IC16	F-1	
	IC17	B-3	
*	IC18	B-1	
*	IC19	B-4	
*	IC20	C-4	
*	IC21	B-4	
	L3	B-3	
	L4	C-4	
	L5	B-2	
	L6	B-2	
	L9	D-4	
	L10	E-3	
	L11	E-1	
*	L12	C-1	
	L15	E-4	
	L16	E-4	
	L20	F-3	
	L21	E-2	
	L22	E-3	
	L23	F-3	
*	Q3	A-2	
*	Q4	A-2	
*	Q5	A-2	
*	Q6	A-2	
*	Q7	A-2	
*	Q8	A-2	
*	Q9	C-3	
*	Q10	C-3	
*	Q11	C-3	
*	Q12	C-3	
*	Q13	C-3	
*	Q14	C-3	
*	Q15	C-1	
*	Q18	A-4	
*	Q19	A-3	
*	Q20	A-3	
*	Q21	A-3	
*	Q22	A-3	
*	Q23	A-3	
*	Q24	D-3	
*	Q25	D-3	
*	Q26	D-2	
*	Q27	E-1	
*	Q28	D-1	
*	Q29	D-1	
*	Q32	A-4	
*	Q33	A-3	
*	Q34	A-3	
*	Q35	A-3	
*	Q36	A-3	
*	Q37	A-3	
*	Q38	E-3	
*	Q39	E-3	
*	Q40	E-2	
*	Q43	F-2	
*	Q44	F-1	
*	Q45	G-2	
*	Q46	F-1	
	Q47	F-1	
*	Q50	A-1	
*	Q51	A-1	
*	Q52	A-1	
*	Q53	A-2	
*	Q54	A-2	
*	Q55	A-2	
*	Q60	C-3	
*	Q61	C-3	
*	Q62	C-3	
*	Q63	D-4	
*	Q64	B-1	
*	Q65	B-2	
	Q66	B-1	
*	Q67	C-1	
*	Q68	C-1	
*	Q69	B-1	
*	Q70	B-1	
	RV1	A-3	
	RV2	A-3	
	RV3	B-2	
	RV4	C-3	
	RV5	A-4	
	RV7	D-3	
	RV8	D-4	
	RV9	A-4	
	RV11	E-3	
	RV12	D-3	
	RV13	F-3	
	S3	B-4	
	TP1	C-3	
	TP2	C-2	
	TP3	E-3	
	TP5	C-1	
	TP6	E-2	
	TP9	F-1	
	X1	F-2	



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NOTE
★

REF. NO.	CHANGE INFORMATION	SERIAL NO.
C210. C211	ADD	15031- (UC) 35001- (J) 45031- (CE)

MD-103

BOARD NO. 1-658-119-21
LOT NO. 509-
B-¥CA550-MD103-12

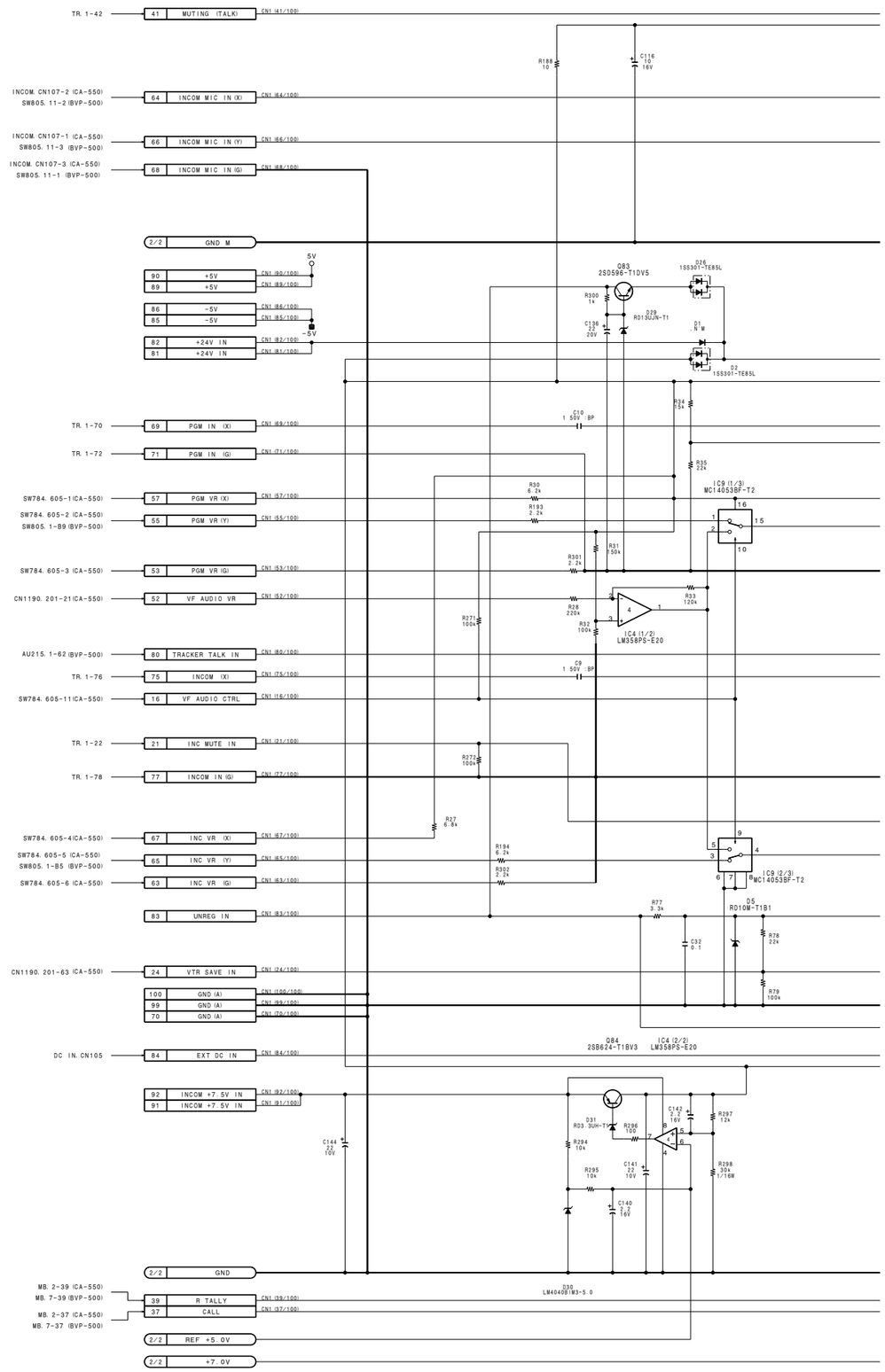
BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)

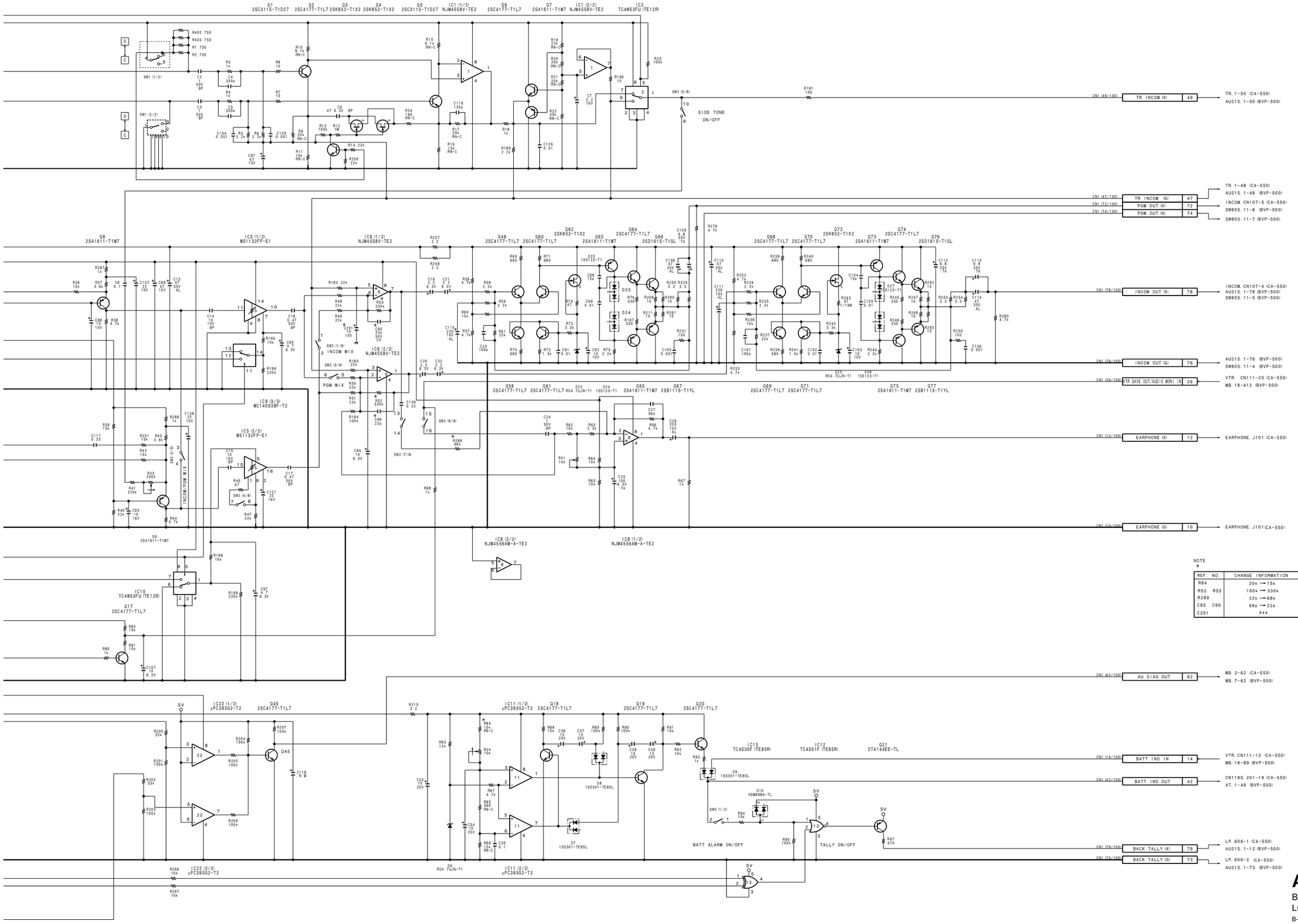
AU-211 BOARD

AU-211 (1-658-117-21)

*: B SIDE

	CN1	C-1	
	D2	B-2	
*	D5	B-1	
*	D6	D-4	
*	D7	D-4	
*	D8	D-4	
*	D9	D-3	
*	D10	D-4	
*	D11	D-3	
*	D12	D-3	
	D17	G-3	
	D18	F-3	
*	D19	F-4	
*	D20	F-3	
*	D21	F-3	
*	D22	A-1	
	D23	A-3	
	D24	A-3	
	D25	A-3	
	D26	B-2	
	D27	A-4	
	D28	B-4	
*	D29	A-1	
	D30	C-2	
	D31	C-2	
*	D32	F-4	
*	IC1	C-3	
	IC2	C-3	
*	IC4	C-2	
*	IC5	B-2	
*	IC6	B-4	
*	IC8	B-4	
*	IC9	B-3	
	IC10	C-2	
*	IC11	D-4	
*	IC12	D-4	
*	IC13	C-3	
*	IC14	E-3	
*	IC15	F-3	
*	IC16	F-1	
	IC17	F-1	
	IC18	F-1	
*	IC19	F-1	
*	IC20	F-1	
	IC22	D-4	
	IC23	F-1	
*	IC24	E-4	
*	L1	F-2	
*	Q1	C-4	
*	Q2	C-4	
*	Q3	C-3	
*	Q4	C-3	
*	Q5	C-4	
*	Q6	D-3	
	Q7	D-3	
	Q8	C-2	
*	Q9	B-3	
*	Q17	B-1	
*	Q18	D-4	
*	Q19	D-4	
*	Q20	D-4	
*	Q21	D-3	
*	Q22	E-4	
*	Q23	E-4	
*	Q24	E-3	
*	Q25	E-2	
*	Q26	E-2	
*	Q27	E-2	
*	Q28	E-2	
*	Q29	E-2	
*	Q30	E-3	
*	Q31	E-2	
	Q32	E-3	
*	Q33	D-2	
*	Q34	E-3	
*	Q35	E-3	
	Q36	F-4	
	Q37	F-4	
	Q38	F-4	
	Q39	F-4	
	Q40	F-3	
	Q41	F-4	
	Q42	F-3	
	Q43	F-3	
*	Q44	F-4	
*	Q45	D-4	
*	Q46	A-2	
*	Q47	F-3	
*	Q48	F-2	
*	Q49	G-2	
*	Q50	F-2	
*	Q51	F-2	
*	Q52	F-2	
*	Q53	F-3	
*	Q54	F-2	
	Q55	F-3	
*	Q56	F-2	
*	Q57	G-3	
*	Q58	G-3	
*	Q59	A-2	
*	Q60	A-2	
*	Q61	A-2	
*	Q62	A-2	
*	Q63	A-2	
*	Q64	A-2	
*	Q65	A-2	
*	Q66	A-3	
*	Q67	A-3	
	Q68	A-3	
	Q69	A-3	
	Q70	A-4	
*	Q71	A-4	
	Q72	B-4	
	Q73	A-4	
*	Q74	A-4	
*	Q75	A-4	
*	Q76	A-4	
*	Q77	B-4	
*	Q78	F-1	
*	Q79	F-2	
	Q82	F-1	
*	Q83	B-1	
*	Q84	B-2	
*	Q85	F-4	
	RV1	B-4	(AUDIO MONI LEVEL)
	RV3	B-4	(SIDE TONE LEVEL)
	RV4	D-4	(BATT ALARM)
	SW1	B-4	(CARBON/DYNAMIC)
	SW2	B-3	(1: INCOM MIX) (2: INCOM PGM MIX) (3: PGM MIX) (4: CONTROL MODE SELECT) (5: SIDE TONE) (6: Not used) (7: PGM ON/OFF) (8: PB AUDIO)
	SW3	D-3	(1: BATT ALARM) (2: VTR SAVE)
	SW4	F-4	(MIC POWER)
	SW5	F-4	(AB PHANTOM)
	SW6	E-4	(MIC 1/MIC 2)





NOTE
*

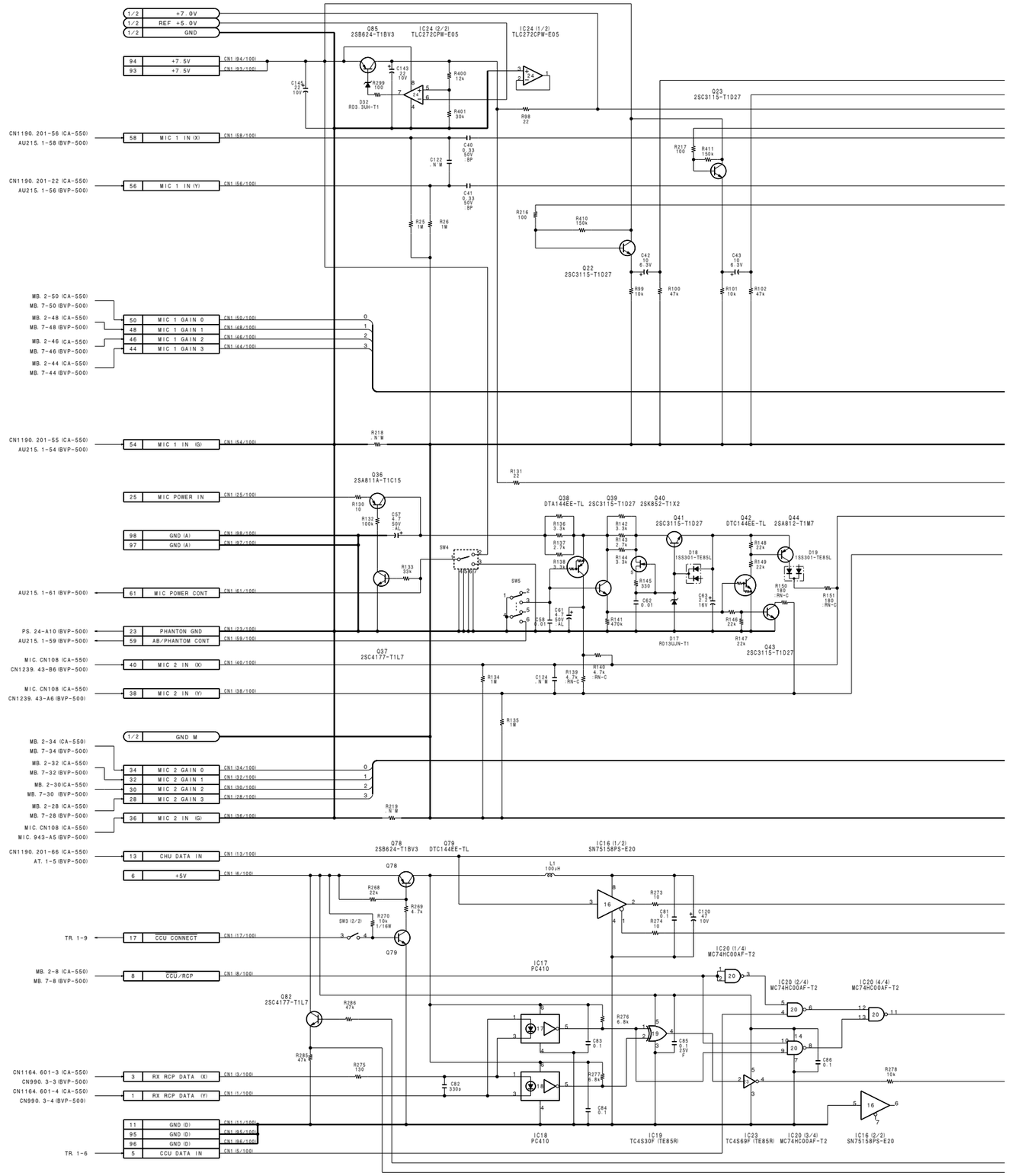
REF. NO.	CHANGE INFORMATION	SERIAL NO.
R84	20k ⟶ 15k	15001- (UC)
R52. R53	100k ⟶ 330k	35001- (J)
R289	22k ⟶ 68k	45001- (CE)
C95. C96	68p ⟶ 22p	
C201	Add	

AU-211 (1/2)
BOARD NO. 1-658-117-21
LOT NO. 509-
B-¥CA550-AU211-12

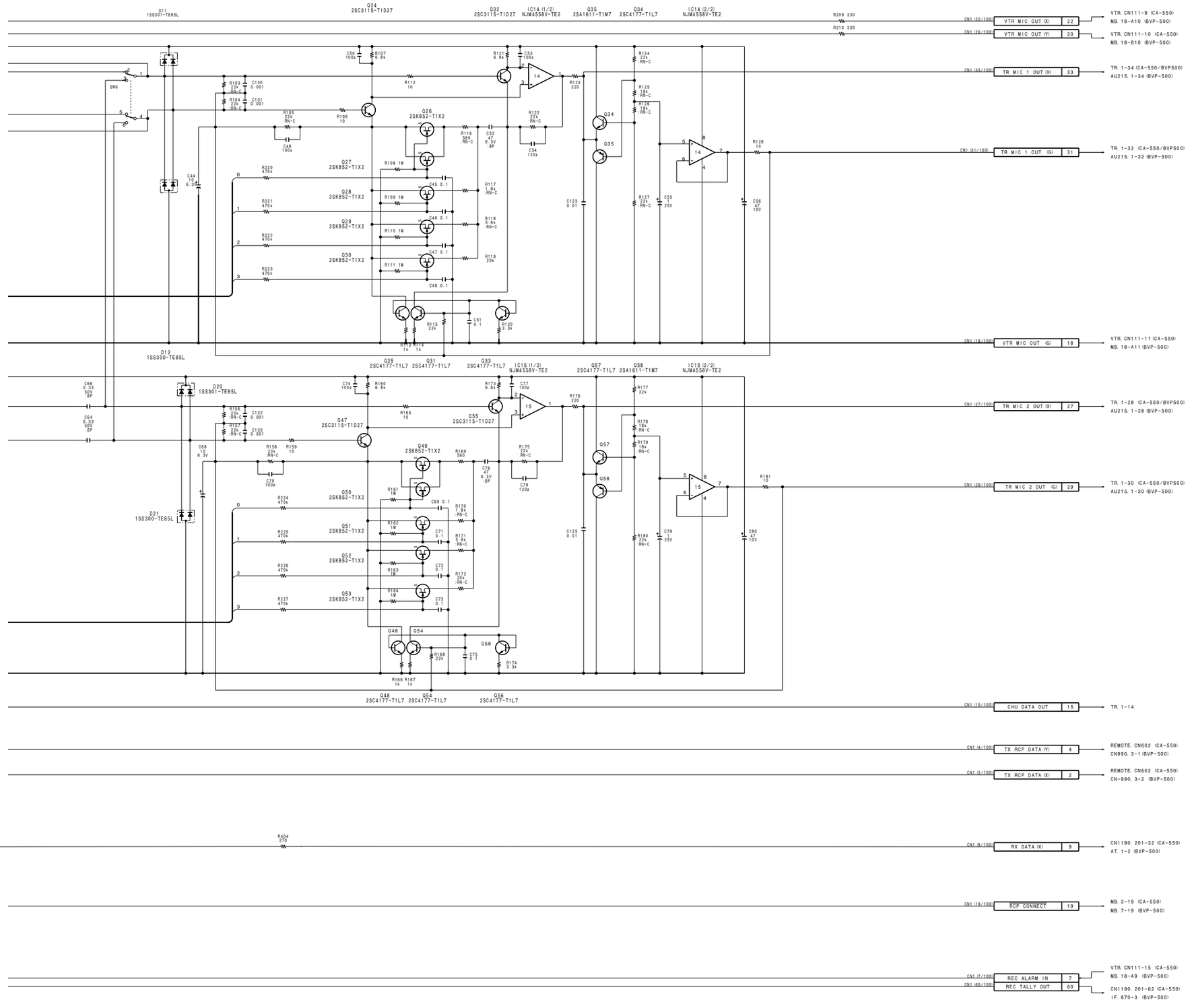
I J K L M N O P

AU-211 (2/2)

BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)



4-28



AU-211 (2/2)
BOARD NO. 1-658-117-21
LOT NO. 509-
B-¥CA550-AU211-12

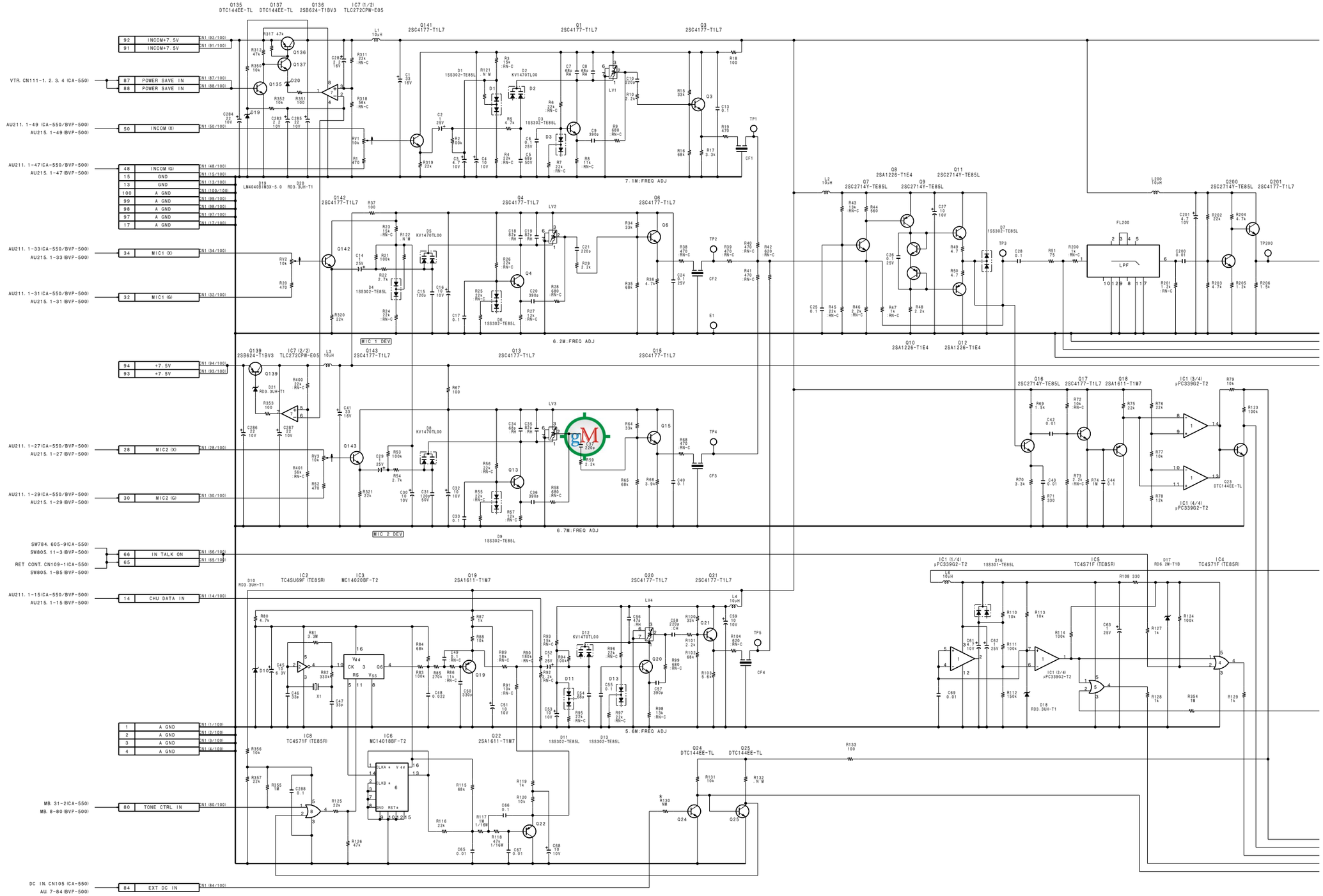
TR-90 BOARD

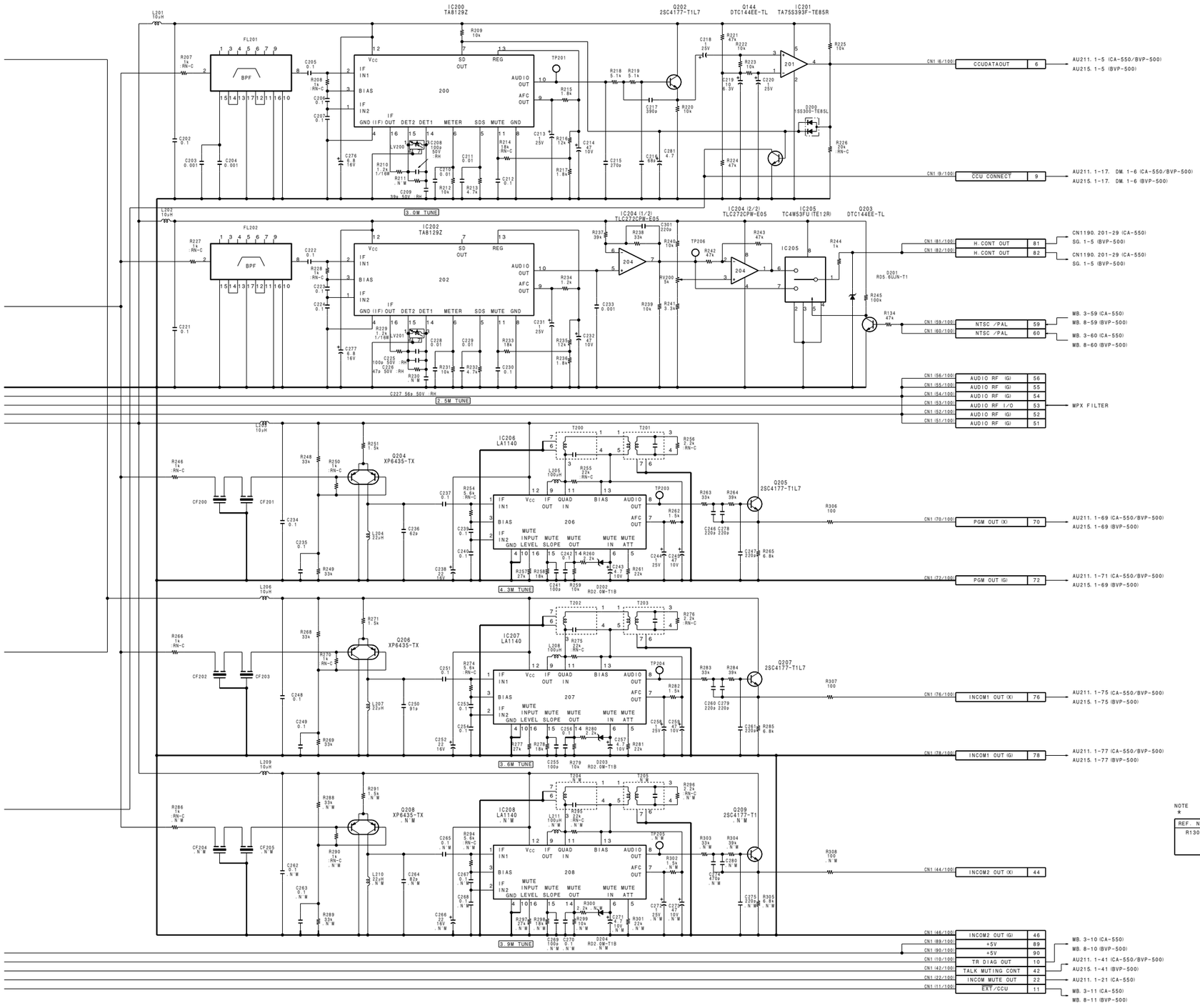
BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)

TR-90 (1-658-118-21)

*: B SIDE

	CF1	D-2	
	CF2	E-2	
	CF3	F-2	
	CF4	G-2	
	CF200	B-4	
	CF201	B-4	
	CF202	A-4	
	CF203	A-4	
	CN1	C-1	
*	D1	D-4	
	D2	E-3	
*	D3	E-3	
*	D4	E-4	
	D5	E-3	
*	D6	E-3	
	D7	D-2	
	D8	F-3	
*	D9	F-3	
	D10	F-3	
*	D11	G-3	
*	D12	F-2	
*	D13	F-2	
*	D16	F-1	
*	D17	G-1	
*	D18	F-1	
*	D19	A-1	
*	D20	A-1	
*	D21	A-1	
*	D200	D-2	
	D201	B-1	
*	D202	B-3	
*	D203	A-3	
	E1	E-2	
	FL200	D-1	
	FL201	D-4	
	FL202	B-4	
	IC1	F-1	
*	IC2	F-3	
	IC3	F-3	
	IC4	G-1	
*	IC5	F-1	
	IC6	F-4	
*	IC7	A-1	
	IC8	E-1	
	IC200	D-4	
*	IC201	D-2	
	IC202	B-3	
	IC204	B-1	
	IC205	B-1	
	IC206	B-4	
	IC207	A-4	
	LV1	E-3	
	LV2	E-3	
	LV3	F-3	
	LV4	F-2	
	LV200	D-3	
	LV201	B-2	
	L1	A-1	
	L2	D-2	
*	L3	B-1	
	L4	F-2	
	L6	F-2	
	L200	D-2	
	L201	D-2	
	L202	C-1	
*	L203	B-1	
	L204	B-3	
	L205	B-3	
	L206	A-1	
	L207	A-3	
	L208	A-3	
	L209	C-1	
*	Q1	E-3	
*	Q3	E-2	
*	Q4	E-3	
*	Q6	E-2	
*	Q7	D-1	
*	Q8	D-1	
*	Q9	D-1	
*	Q10	D-1	
*	Q11	D-1	
*	Q12	D-1	
*	Q13	F-3	
*	Q15	F-2	
	Q16	E-1	
	Q17	F-1	
	Q18	F-1	
*	Q19	G-3	
*	Q20	F-2	
*	Q21	F-2	
*	Q22	G-3	
*	Q23	F-1	
*	Q24	B-1	
*	Q25	B-1	
*	Q135	A-2	
*	Q136	A-1	
*	Q137	A-1	
*	Q139	A-1	
	Q142	E-4	
*	Q143	F-4	
	Q144	E-2	
*	Q200	D-2	
*	Q201	D-2	
*	Q202	D-2	
*	Q203	B-1	
	Q204	B-4	
*	Q205	B-3	
	Q206	A-4	
*	Q207	A-3	
	RV1	D-4	
	RV2	E-4	
	RV3	F-4	
	RV200	C-2	
	TP1	E-2	
	TP2	E-2	
	TP3	D-1	
	TP4	F-2	
	TP5	F-2	
	TP200	D-2	
	TP201	D-4	
	TP203	B-3	
	TP204	A-3	
	TP206	B-1	
	T200	B-2	
	T201	B-2	
	T202	A-2	
	T203	A-2	
	X1	F-3	





NOTE
★

REF. NO.	CHANGE INFORMATION	SERIAL NO.
R130	DELETE	15001- (UC)
		35001- (J)
		45001- (CE)

TR-90
BOARD NO. 1-658-118-21
LOT NO. 509-
B-¥CA550-TR90-12

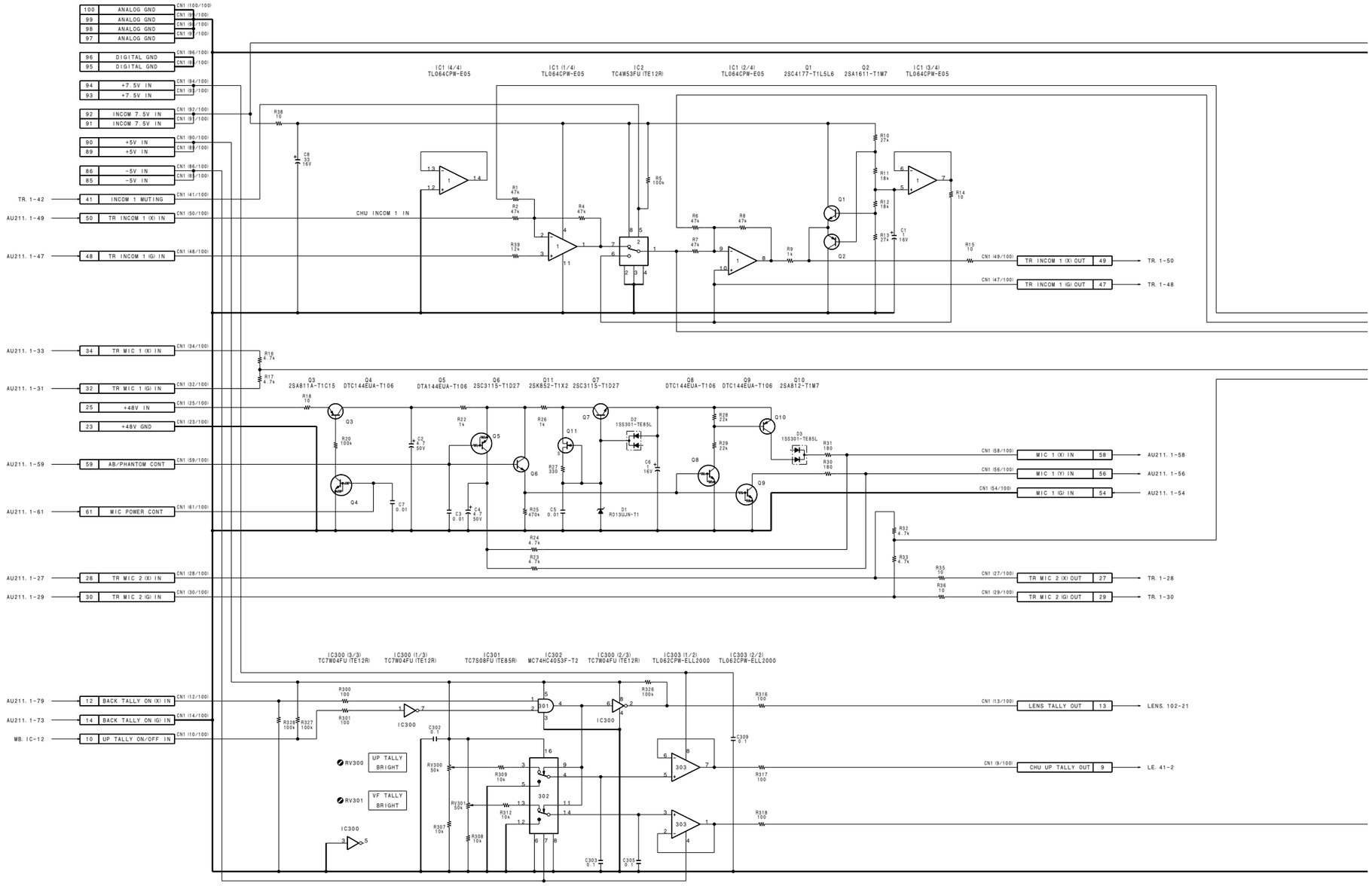
BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)

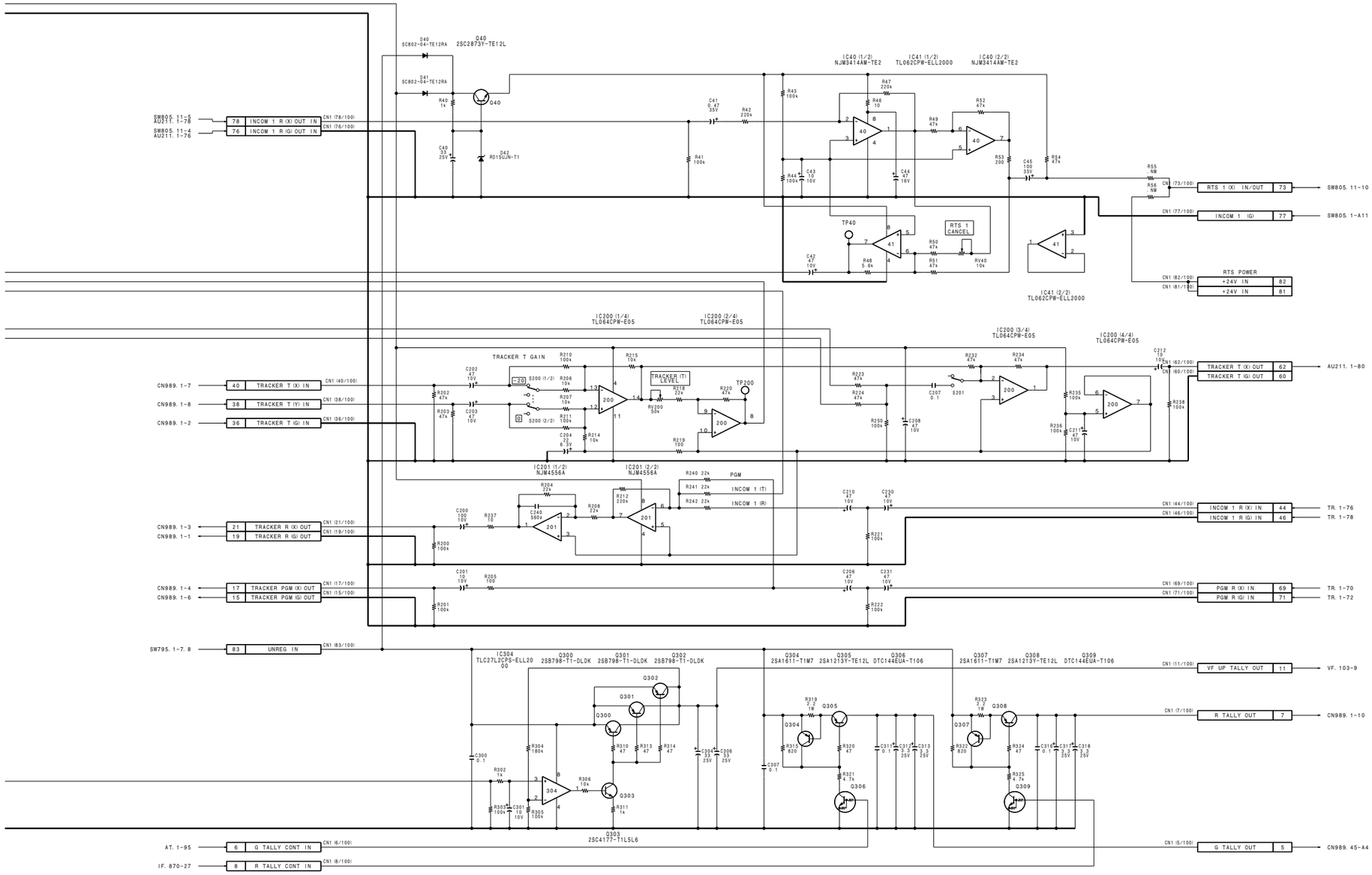
AU-215 BOARD

AU-215 (1-658-611-21)

*:B SIDE

	CN1	C-1
	D1	F-2
*	D2	F-2
*	D3	F-1
	D40	A-2
	D41	A-2
*	D42	A-2
	IC1	A-3
*	IC2	A-4
	IC40	A-3
*	IC41	A-3
*	IC200	E-3
*	IC201	E-4
*	IC300	F-4
*	IC301	F-4
	IC302	F-4
	IC303	F-3
*	IC304	F-3
*	Q1	A-4
*	Q2	A-4
*	Q3	F-3
*	Q4	F-3
*	Q5	F-2
	Q6	F-2
	Q7	F-2
	Q8	F-1
	Q9	F-1
*	Q10	F-2
	Q11	F-2
*	Q40	A-2
	Q300	F-4
	Q301	F-4
	Q302	F-3
*	Q303	F-3
*	Q304	F-2
*	Q305	F-2
*	Q306	F-2
*	Q307	F-1
*	Q308	F-1
*	Q309	F-1
	RV40	A-3
	RV200	E-3
	RV300	E4
	RV301	F-4
	S200	E-3
	TP40	A-3
	TP200	E-3





AU-215

BOARD NO. 1-658-611-21
LOT NO. 509-
B-¥BVP500-AU215-11

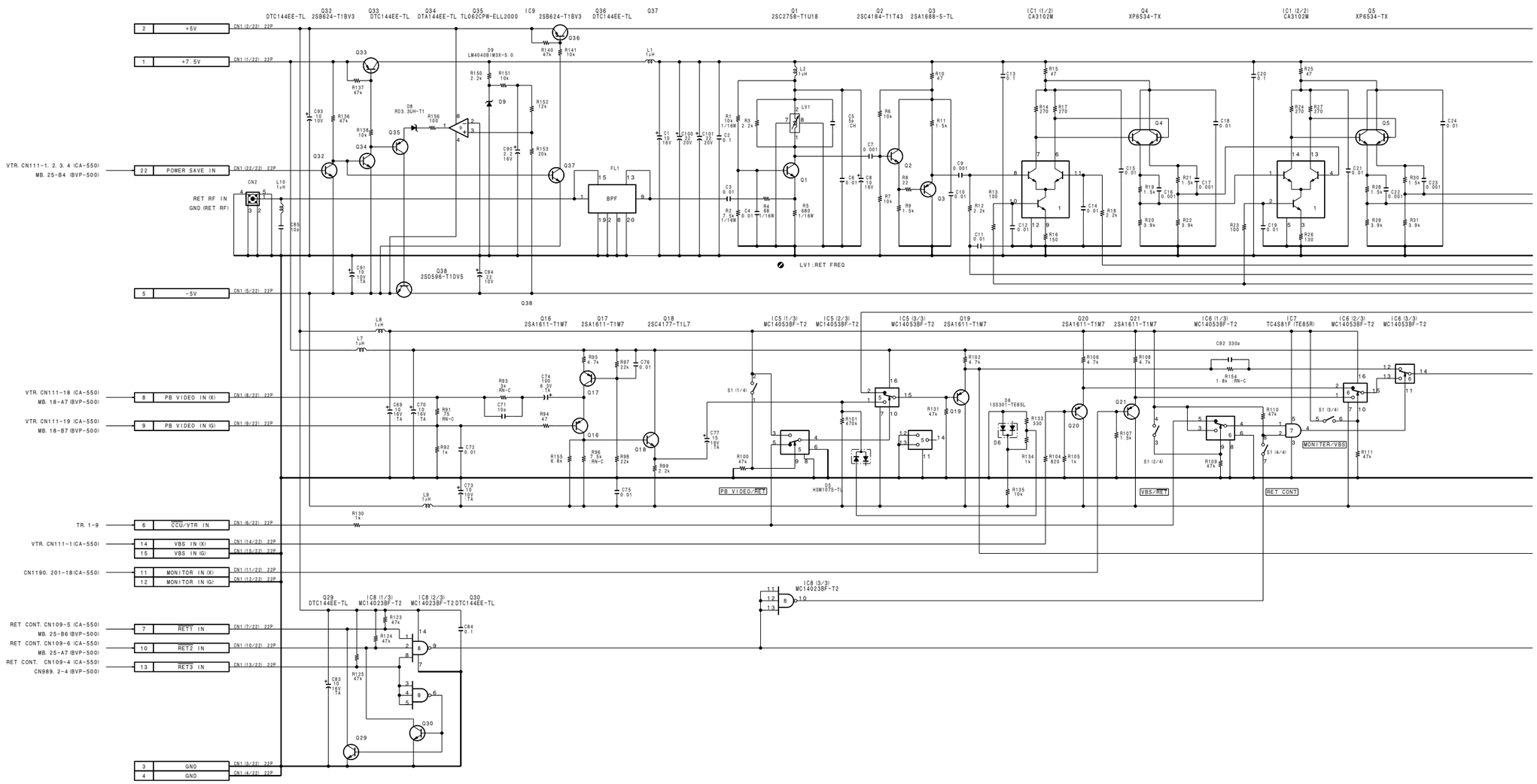
DM-98 BOARD

BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)

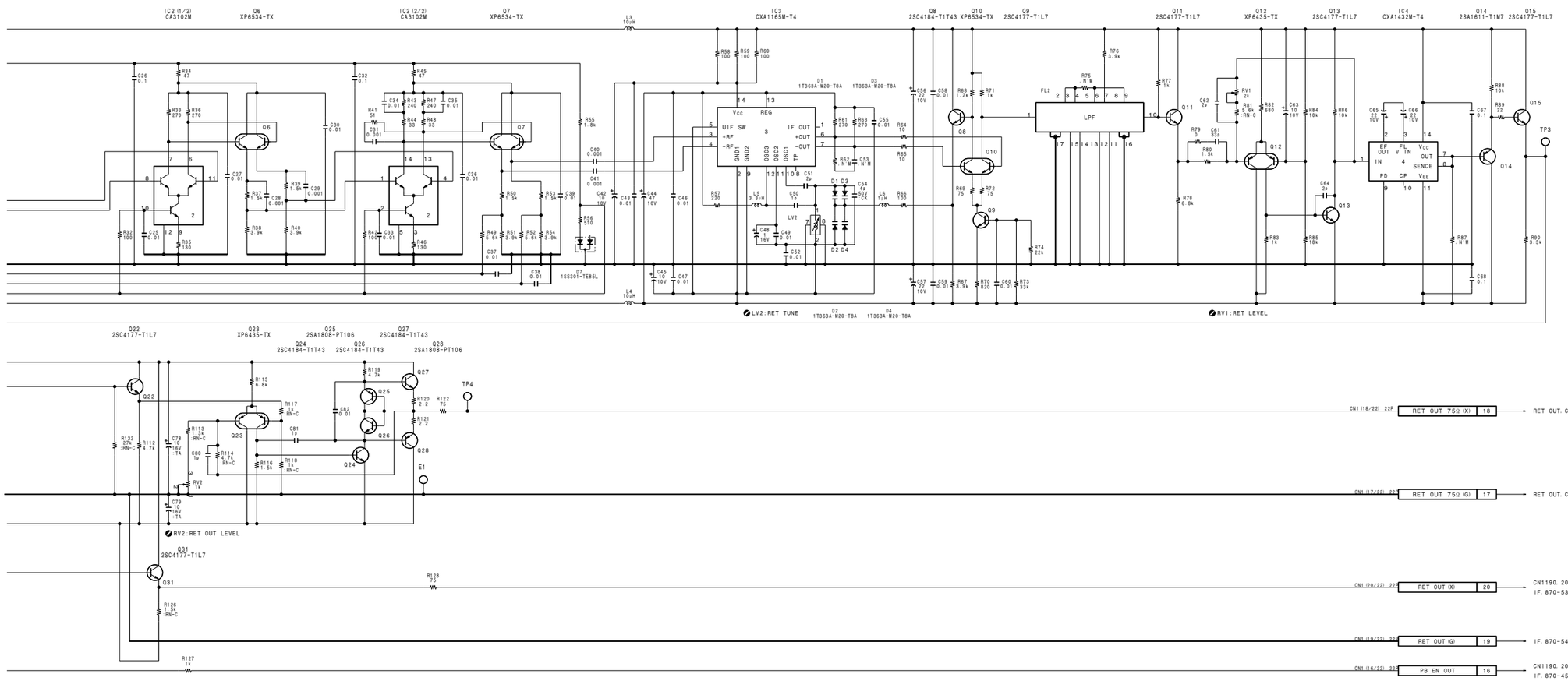
DM-98 (1-658-120-21)

*: B SIDE

*	CN1	F-5
	CN2	E-1
*	D1	B-6
*	D2	C-6
*	D3	B-6
*	D4	C-6
*	D5	E-3
*	D6	E-4
*	D7	C-4
	D8	F-6
	D9	E-6
	E1	A-1
	FL1	D-1
	FL2	E-6
	IC1	B-2
	IC2	B-3
	IC3	B-5
	IC4	E-5
*	IC5	D-4
*	IC6	D-2
	IC7	D-2
	IC8	D-3
	IC9	F-5
	LV1	B-1
	LV2	C-6
	L1	B-4
	L2	B-2
	L3	D-6
	L4	C-5
	L5	B-6
	L6	C-6
	L7	F-4
	L8	F-3
	L9	E-4
	L10	E-1
	Q1	C-1
	Q2	C-2
	Q3	C-2
	Q4	B-2
	Q5	C-3
	Q6	B-3
	Q7	C-4
*	Q8	C-6
*	Q9	C-5
*	Q10	C-5
*	Q11	E-6
*	Q12	D-6
*	Q13	D-6
*	Q14	D-5
*	Q15	E-5
*	Q16	F-3
*	Q17	F-3
*	Q18	F-3
*	Q19	E-2
*	Q20	E-2
*	Q21	E-2
*	Q22	F-2
*	Q23	F-2
*	Q24	E-2
*	Q25	F-1
*	Q26	F-2
*	Q27	E-1
*	Q28	E-2
	Q29	D-4
	Q30	D-4
*	Q31	E-2
	Q32	F-6
	Q33	F-6
	Q34	F-6
	Q35	F-6
*	Q36	F-6
*	Q37	E-6
	Q38	F-4
	RV1	D-5
	RV2	F-2
	S1	D-2
	TP3	D-5
	TP4	F-1



http://getMANUAL.com



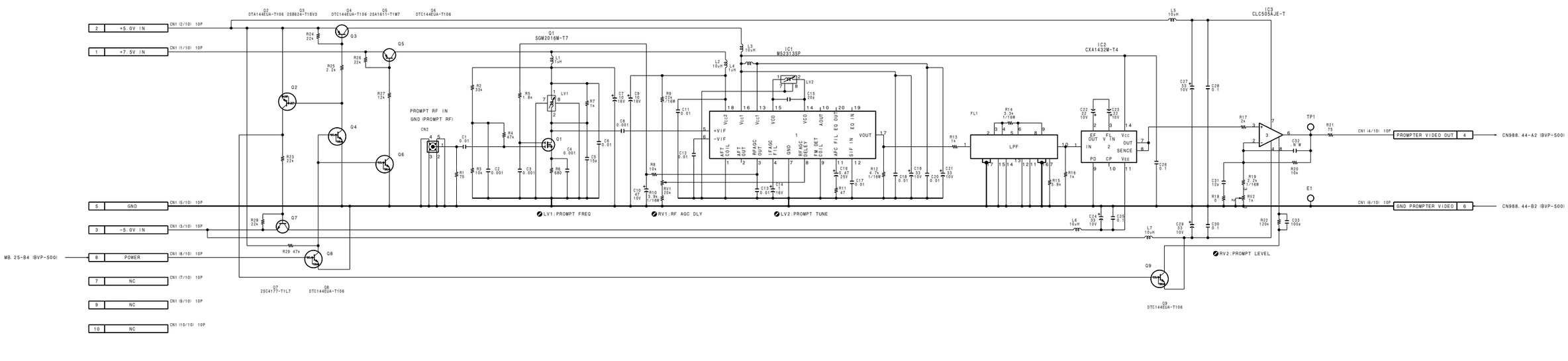
DM-98

BOARD NO. 1-658-120-21
LOT NO. 509-

B-¥CA550-DM98-12

BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)

DM-99 BOARD



DM-99 (1-658-121-21)

*: B SIDE

*	CN1	B-1
	CN2	B-2
	E1	G-2
	FL1	F-4
	IC1	D-5
*	IC2	H-5
*	IC3	H-3
	LV1	C-5
	LV2	D-3
	L1	C-4
	L2	F-3
	L3	E-3
	L4	D-3
	L5	H-2
	L6	G-4
	L7	G-3
	Q1	B-4
*	Q2	G-3
*	Q3	G-2
*	Q4	F-3
*	Q5	F-3
*	Q6	F-2
*	Q7	G-3
*	Q8	F-2
*	Q9	G-3
	RV1	E-5
	RV2	G-3
	TP1	G-3

DM-99
BOARD NO. 1-658-121-21
LOT NO. 509-
B-¥CA550-DM99-12

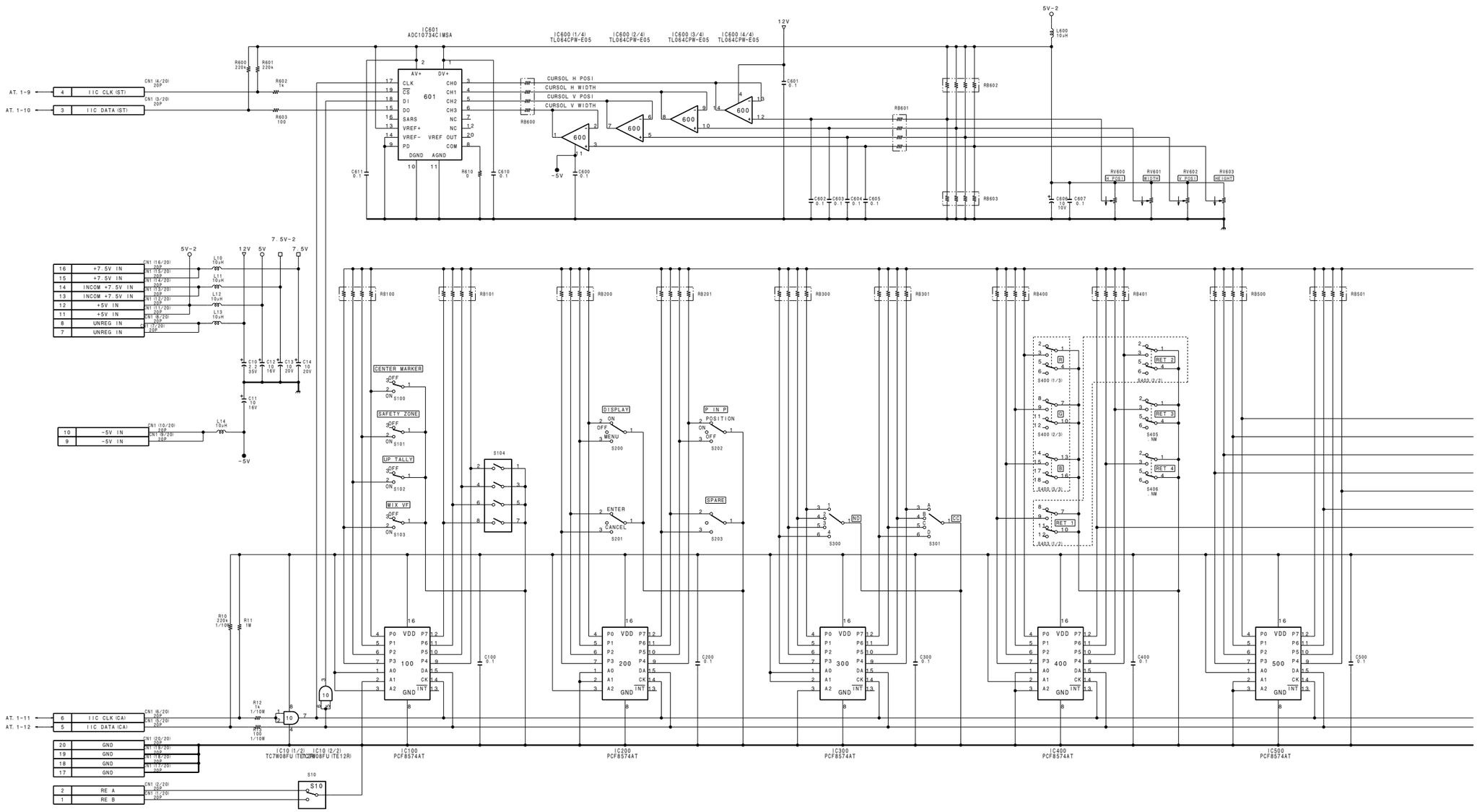
BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)

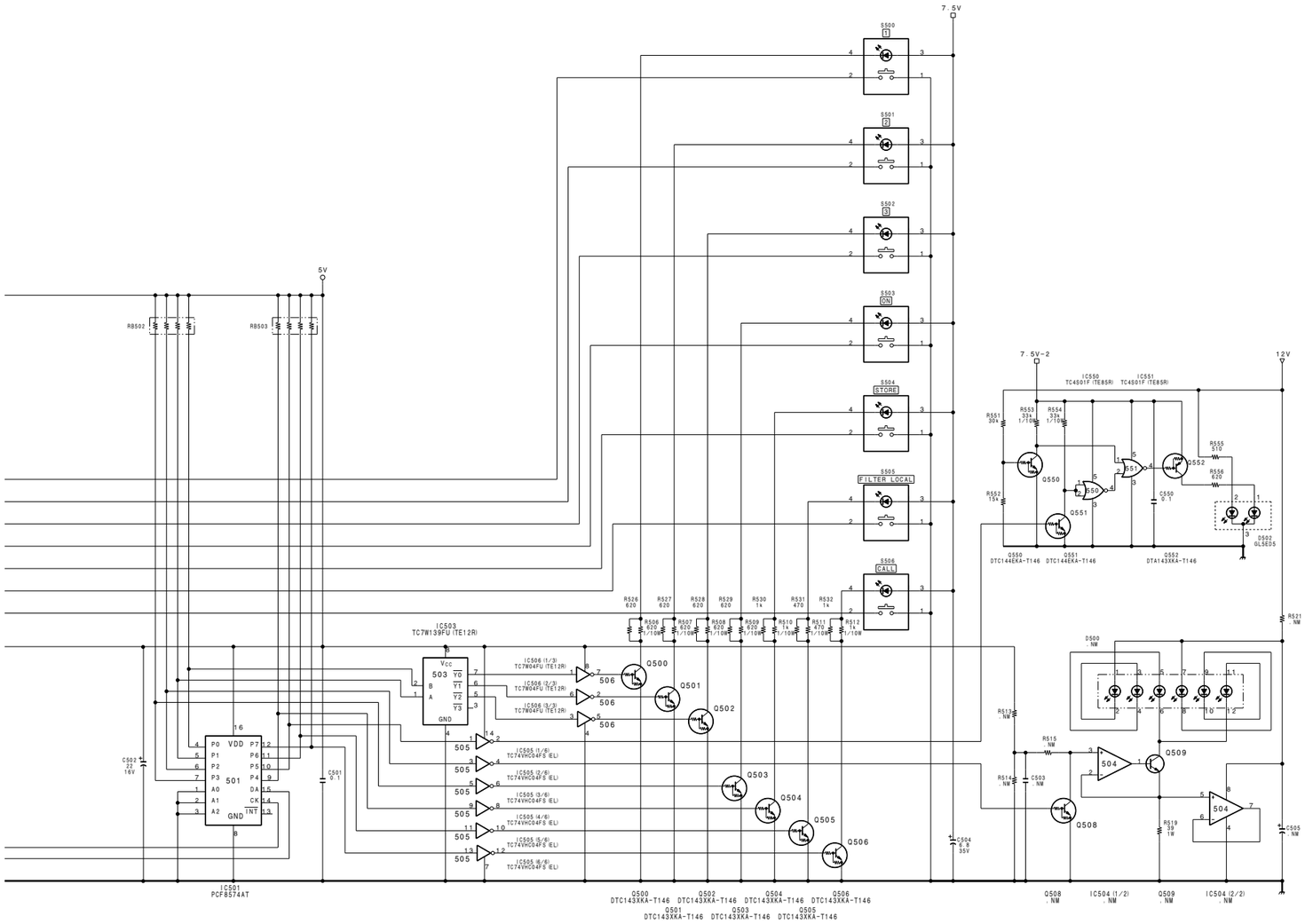
SW-795 BOARD

SW-795 (1-658-612-21)

*:B SIDE

CN1	Q-4
D502	A-2
IC10	O-6
* IC100	C-4
IC200	I-6
* IC300	C-5
* IC400	F-3
* IC500	J-6
* IC501	K-6
IC503	K-5
IC505	N-6
IC506	K-5
IC550	C-2
IC551	C-2
IC600	F-6
IC601	H-6
* L10	P-3
* L11	P-3
* L12	P-4
* L13	P-5
* L14	P-5
* L600	H-3
Q500	L-6
Q501	L-6
Q502	L-6
Q503	M-6
Q504	M-6
Q505	M-6
* Q506	O-6
* Q550	D-2
* Q551	D-2
* Q552	C-2
RB100	C-4
RB101	C-3
RB200	I-7
RB201	I-6
RB300	C-5
RB301	C-5
RB400	E-3
RB401	E-3
RB500	K-7
RB501	K-6
RB502	J-5
RB503	J-4
RB600	G-6
RB601	F-5
RB602	E-5
RB603	E-5
RV600	F-4
RV601	F-6
RV602	H-4
RV603	H-6
S10	M-8
S100	C-8
S101	D-8
S102	F-8
S103	G-8
S104	A-3
S200	J-8
S201	L-8
S202	O-8
S203	I-8
S300	B-6
S301	D-6
S400	D-1
S403	K-1
S500	L-6
S501	M-6
S502	N-6
S503	P-6
S504	J-6
S505	B-4
S506	P-8



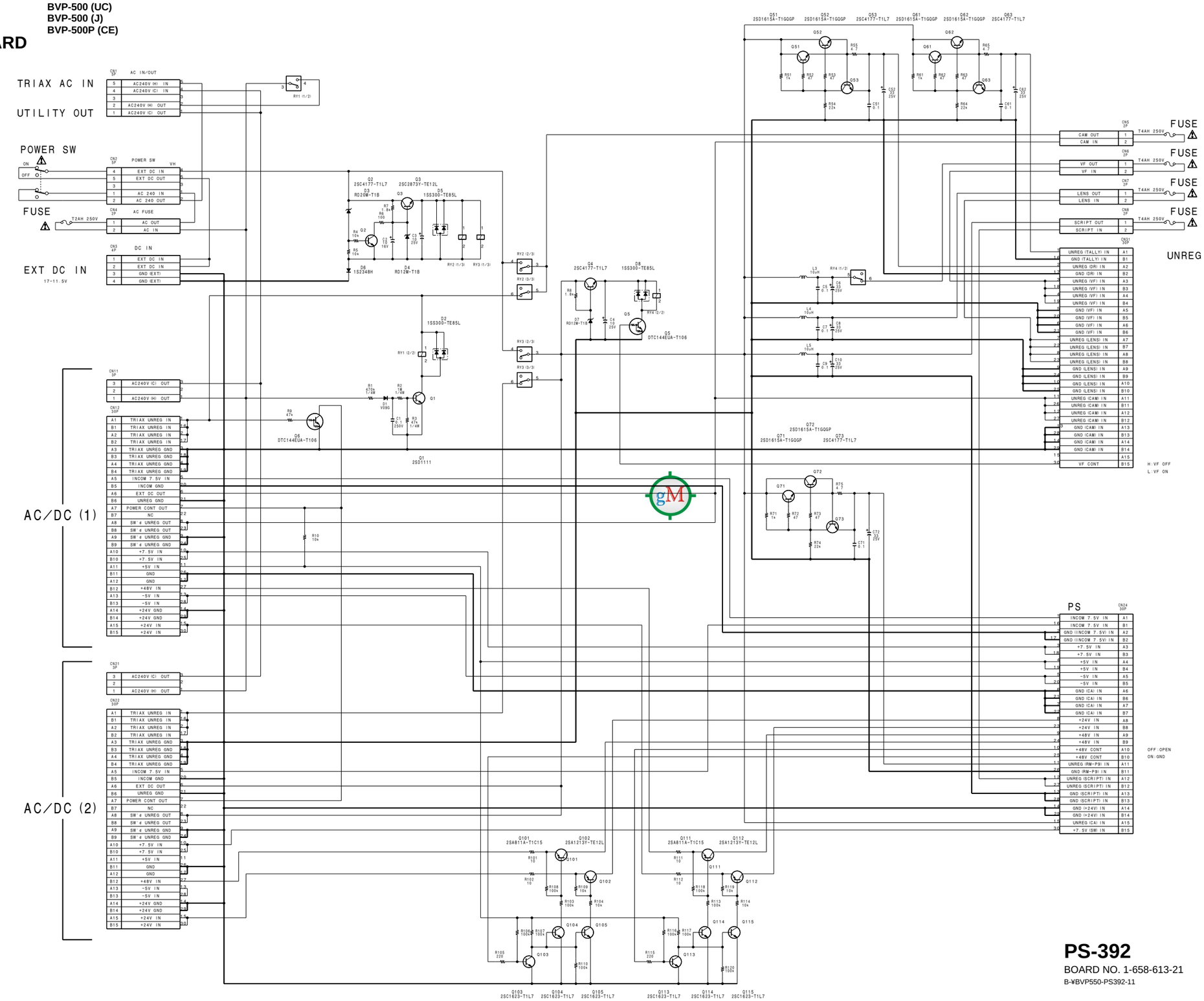


SW-795

BOARD NO. 1-658-612-21
LOT NO. 509-
B-¥BVP500-SW795-12

BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)

PS-392 BOARD



MB-637 BOARD

BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)

CN13 UP TALLY

1	CAM +12V	31-A1
2	UP TALLY IN	9-9
3	GND	31-B1

CN14 PA

1	B (G) IN	1-69
2	B (X) IN	1-70
3	G (G) IN	1-71
4	G (X) IN	1-72
5	R (G) IN	1-73
6	R (X) IN	1-74
7	NC	
8	NC	

CN11 PR-211 (2)

24	2.5V REF IN	
23	G B SHADING OUT	1-79
22	R B SHADING OUT	1-80
21	B B SHADING OUT	1-78
20	B SHADING GND	1-77
19	G W SHADING OUT	1-65
18	R W SHADING OUT	1-66
17	B W SHADING OUT	1-64
16	W SHADING GND	1-63
15	G FEEDBACK OUT	1-59
14	R FEEDBACK OUT	1-60
13	B FEEDBACK OUT	1-58
12	FEEDBACK GND	1-57
11	B (X) IN	1-50
10	B (G) IN	1-49
9	R (X) IN	1-54
8	R (G) IN	1-53
7	G (X) IN	1-52
6	G (G) IN	1-51
5		
4	TEST SAW (X) OUT	1-26
3	TEST SAW (G) OUT	1-25
2	HTSG OUT	16-11
1	H CLP IN	1-12, 16-13

CN15 DR

1	GND (CCD) OUT	
2	GND (CCD) OUT	
3	GND (CCD) OUT	
4	GND (CCD) OUT	
5	-11V OUT	12-25
6	-11V OUT	12-25
7	+15V OUT	12-22
8	+6.5V OUT	12-14
9	UNREG OUT	DR1
10	UNREG OUT	DR2
11	GND (UNREG) OUT	
12	GND (UNREG) OUT	
13	V CLP IN	1-14
14	ND FILTER IN	2-70
15	CC FILTER IN	2-69
16	TEMP IN	2-68
17	-2.8V OUT	-2.8
18	-2.8V OUT	
19		
20		

CN16 TG

1	GND (CCD)	
2	GND (CCD)	
3	A HD OUT	
4	A VD OUT	
5	VCO CONT OUT	3-68
6	VCO CONT (G)	3-66
7	36MHZ (X) IN	10-1
8	36MHZ (G) IN	10-2
9	18MHZ (X) IN	10-3
10	18MHZ (G) IN	10-4
11	HTSG OUT	11-2
12	PBLKG IN	1-13
13	H CLP IN	1-12, 11-1
14	D CLP IN	1-11
15	LD (CCD) OUT	2-16
16	LD (TG) OUT	2-18
17	I2C DATA	
18	I2C CLK	
19	+7.3V	
20	+7.3V	
21	+5.1V	
22	+5.1V	
23	-5.1V	
24	-5.1V	

CN12 CAM PS

26	A GND OUT	
25	-11V OUT	
24	POWER SAVE IN	
23	A GND OUT	
22	+15V OUT	
21	+40V OUT	
20	A GND OUT	
19	-5.1V OUT	
18	-2.8V OUT	
17	+7.3V OUT	
16	+7.3V OUT	
15	+6.5V OUT	
14	+9.3V OUT	
13	A GND OUT	
12	+5.1V OUT	
11	+5.1V OUT	
10	A GND OUT	
9	D GND OUT	
8	D GND OUT	
7	+3.3V IN	
6	+3.3V IN	
5	UNREG IN	
4	UNREG IN	
3	GND UNREG IN	
2	GND UNREG IN	
1		

CN10 PR211 (1)

140	A GND	
139	A GND	
138	A GND	
137	A GND	
136	D GND	
135	D GND	
134	D GND	
133	D GND	
132	+5.1V	
131	+5.1V	
130	-5.1V	
129	-5.1V	
128	-2.8V	
127	-2.8V	
126	+3.3V	
125	+3.3V	
124	+3.3V	
123	+3.3V	
122	+7.3V	
121	+7.3V	
120	VF-Y (G) OUT	
119	VF-Y (X) OUT	
118	H1-Y (G) OUT	
117	H1-Y (X) OUT	
116	C (G) OUT	
115	C (X) OUT	
114	SC CONT IN	
113	SC CONT OUT	
112	INT SC (X) OUT	
111	INT SC (G) OUT	
110	36MHz (X) OUT	
109	36MHz (G) OUT	
108	18MHz (X) OUT	
107	18MHz (G) OUT	
106	N/P IN	
105	INT/EXT IN	
104	AD EN	
103		
102	NC	
101		
100		
99		
98		
97		
96		
95		
94		
93		
92		
91		
90		
89		
88	TDI (SH)	
87	TDI (EN)	
86	TMS (SH)	
85	TMS (EN)	
84	TDO (SH)	
83	TDO (EN)	
82	TDI (PR)	
81	TDI (DET)	
80	TMS (PR)	
79	TMS (DET)	
78	TDO (PR)	
77	TDO (DET)	
76	TCK	
75	TRST	
74	A HD IN	
73	GND	
72	AD (PR)	
71		
70	CEO (EN)	
69	NC	
68	DB7 (PR)	
67	2FH IN	
66	DB6 (PR)	
65	LALT IN	
64	FLD1 IN	
63	DB4 (PR)	
62	BLKG IN	
61	DB3 (PR)	
60	BF IN	
59	DB2 (PR)	
58	SYNC IN	
57	DB1 (PR)	
56	VD IN	
55	DB0 (PR)	
54	HD IN	
53	RD (PR)	
52	NRW BLKG IN	
51	WR (PR)	
50	CE1 (PR)	
49	A VD IN	
48	A HD OUT	
47	CHAR BACK IN	
46	CURSOR 2 OUT	
45	CHAR VF IN	
44	CURSOR 1 OUT	
43	TITLE BACK IN	
42	EXT VD IN	
41	TITLE IN	
40	EXT HD IN	
39	D OUT EN	
38	Y (L) OUT	
37	Y (L) OUT	
36	Y (Y) OUT	
35	Y (Y) OUT	
34	Y (4) OUT	
33	Y (4) OUT	
32	Y (5) OUT	
31	Y (5) OUT	
30	Y (7) OUT	
29	Y (7) OUT	
28	Y (M) OUT	
27	Y (G) OUT	
26	R-Y (L) OUT	
25	R-Y (L) OUT	
24	R-Y (Y) OUT	
23	R-Y (Y) OUT	
22	R-Y (4) OUT	
21	R-Y (4) OUT	
20	R-Y (5) OUT	
19	R-Y (5) OUT	
18	R-Y (7) OUT	
17	R-Y (7) OUT	
16	R-Y (M) OUT	
15	R-Y (M) OUT	
14	R-Y (G) OUT	
13	B-Y (L) OUT	
12	B-Y (L) OUT	
11	B-Y (Y) OUT	
10	B-Y (Y) OUT	
9	B-Y (4) OUT	
8	B-Y (4) OUT	
7	B-Y (5) OUT	
6	B-Y (5) OUT	
5	B-Y (7) OUT	
4	B-Y (7) OUT	
3	B-Y (M) OUT	
2	B-Y (M) OUT	
1	B-Y (G) OUT	

CN1 VA-163

100	A GND	A GND	99
98	A GND	A GND	97
96	D GND	D GND	95
94	+7.3V	+7.3V	93
92	+5.1V	+5.1V	91
90	+9.3V	2.5V REF OUT	89
88	-5.1V	-5.1V	87
86	-2.8V	-2.8V	85
84	+3.3V	+3.3V	83
82			81
80	R B SHADING IN	G B SHADING IN	79
78	B B SHADING IN	B SHADING GND	77
76			75
74	R (X) IN	R (G) IN	73
72	G (X) IN	G (G) IN	71
70	B (X) IN	B (G) IN	69
68			67
66	R W SHADING IN	G W SHADING IN	65
64	B W SHADING IN	W SHADING GND	63
62			61
60	R FEEDBACK IN	G FEEDBACK IN	59
58	B FEEDBACK IN	FEEDBACK GND	57
56			55
54	R (X) OUT	R (G) OUT	53
52	G (X) OUT	G (G) OUT	51
50	B (X) OUT	B (G) OUT	49
48			47
46			45
44			43
42		N/P IN	41
40			39
38			37
36			35
34			33
32			31
30			29
28			27
26	TEST SAW (X) IN	TEST SAW (G) IN	25
24			23
22			21
20			19
18			17
16			15
14	V CLP IN	PBLKG IN	13
12	H CLP IN	D CLP IN	11
10	NC	SAMPLE3 IN	9
8	A HD IN	A VD IN	7
6			5
4		I2C DATA	3
2	I2C CLK	LD (VA) IN	1

CN2 AT-95

100	A GND	A GND	99
98	A GND	A GND	97
96	D GND	D GND	95
94	+7.3V	+7.3V	93
92	+5.1V	+5.1V	91
90	+9.3V	2.5V REF OUT	89
88	-5.1V	-5.1V	87
86	-2.8V	-2.8V	85
84	+3.3V	+3.3V	83
82			81
80	VF RGB OUT	VF COLOR IN	79
78	ABNORMAL OUT	G TALLY OUT	77
76	WIDE OUT	R PEAK IN	75
74	G PEAK IN	B PEAK IN	73
72	PEAK GND	NC	71
70	ND FILT IN	CC FILT IN	69
68	TAMP IN	IRIS POSI IN	67
66	RET EN IN	VTR S/S IN	65
64	ZOOM POSI IN	EX ON	63
62	REM/LOCAL	IRIS CONT OUT	61
60	AUTO 5V		59
58	TALLY ON OUT	REC TALLY IN	57
56	18MHz (G) IN	18MHz (X) IN	55
54		VTR RESET IN	53
52	VTR S/S OUT	TAPE REM IN	51
50	RET EN OUT	BATT ALARM IN	49
48	PB REF IN	AUDIO LEVEL IN	47
46	PEEK RESET OUT	WINDOW OUT	45
44	VD IN	HD IN	43
42	AD (PR)	A1 (PR)	41
40	CE0 (PR)	DB7 (PR)	39
38	DB6 (PR)	DB5 (PR)	37
36	DB4 (PR)	DB3 (PR)	35
34	DB2 (PR)	DB1 (PR)	33
32	DB0 (PR)	RD (PR)	31
30	WR (PR)	CE1 (PR)	29
28	CHAR VF OUT	CHAR BACK OUT	27
26	TITLE OUT	TITLE BACK OUT	25
24	A VD IN	V RESET OUT	23
22	A HD IN	NC	21
20	LD (VA) OUT	LD (GG) OUT	19
18	LD (TG) OUT	LD (DA) OUT	17
16	LD (CCD) OUT	LD (IF) OUT	15
14	I2C DATA	I2C CLK	13
12	I2C DATA (CA)	I2C CLK (CA)	11
10	I2C DATA (ST)	I2C CLK (ST)	9
8		CA (CONT/DATA)	7
6	COM CONT	COM DATA	5
4	RM DATA IN	RM DATA OUT	3
2	RE A	RE B	1

CN3 SG-234

100	A GND	A GND	99
98	A GND	A GND	97
96	D GND	D GND	95
94	+7.3V	+7.3V	93
92	+5.1V	+5.1V	91
90	+9.3V	2.5V REF OUT	89
88	-5.1V	-5.1V	87
86	-2.8V	-2.8V	85
84	+3.3V	+3.3V	83
82			81
80	GENLOCK (X) IN	GEN (G) /H CONT IN	79
78	SC CONT OUT	NC	77
76	INT SC (X) IN	INT SC (G) IN	75
74			73
72			71
70			69
68	VCO CONT OUT		67
66	VCO CONT (G)		65
64			63
62	36MHz (G) IN	36MHz (X) IN	61
60	18MHz (G) IN	18MHz (X) IN	59
58	36MHz (G) OUT	36MHz (X) OUT	57
56	18MHz (G) OUT	18MHz (X) OUT	55
54	NC	NC	53
52	GENLOCK (G) OUT	GENLOCK (X) OUT	51
50	VD OUT	HD OUT	49
48	NC	2FH OUT	47
46	LALT OUT	FLD1 OUT	45
44	BLKG OUT	BF OUT	43
42	SYNC OUT	VD OUT	41
40	HD OUT	NRW BLKG OUT	39
38	A HD IN	A VD IN	37
36	N/P OUT	INT/EXT OUT	35
34	TD1		33
32	TDO		31
30	TCK		29
28		NC	27
26		DL BLKG OUT	25
24		DL SYNC OUT	23
22	NC	V RESET IN	21
20	NC	V RESET IN/CF OUT	19
18	SAMPLE3 OUT	SAMPLE2 OUT	17
16			15
14			13
12	18MHz (X) OUT	18MHz (G) OUT	11
10	SAMPLE1 OUT	VD OUT	9
8	SYNC OUT	CF OUT	7
6	HD OUT	H CONT IN	5
4	BLKG	I2C DATA	3
2	I2C CLK	LD (SG) IN	1

CN4 DA-88

100	A GND	A GND	99
98	A GND	A GND	97
96	D GND	D GND	95
94	+7.3V	+7.3V	93
92	+5.1V	+5.1V	91
90	+9.3V	2.5V REF OUT	89
88	-5.1V	-5.1V	87
86	-2.8V	-2.8V	85
84	+3.3V	+3.3V	83
82			81
80	VF-Y (X) OUT	VF-Y (G) IN	79
78	VF-Y (X) IN	VF-Y (G) IN	77
76	H1-Y (X) IN	H1-Y (G) IN	75
74	C (X) IN	C (G) IN	73
72	Y (G) OUT	Y (X) OUT	71
70	R-Y (G) OUT	R-Y (X) OUT	69
68	B-Y (G) OUT	B-Y (X) OUT	67
66	VBS (G) OUT	VBS (X) OUT	65
64	Y (G) OUT	Y (X) OUT	63
62	R-Y (G) OUT	R-Y (X) OUT	61
60	B-Y (G) OUT	B-Y (X) OUT	59
58	Y (G) OUT	Y (X) OUT	57
56	C (G) OUT	C (X) OUT	55
54			53
52		CHAR VF IN	51
50	CHAR BACK IN		49
48	36MHz (X) IN	36MHz (G) IN	47
46	18MHz (X) IN	18MHz (G) IN	45
44	HD IN	VD IN	43
42	Y (L) IN	N/P IN	41
40	Y (1) IN	Y (2) IN	39
38	Y (3) IN	Y (4) IN	37
36	Y (5) IN	Y (6) IN	35
34	Y (7) IN	Y (8) IN	33
32	Y (M) IN	Y (G) IN	31
30	R-Y (L) IN	R-Y (1) IN	29
28	R-Y (2) IN	R-Y (3) IN	27
26	R-Y (4) IN	R-Y (5) IN	25
24	R-Y (6) IN	R-Y (7) IN	23
22	R-Y (8) IN	R-Y (M) IN	21
20	R-Y (G) IN	R-Y (L) IN	19
18	B-Y (1) IN	B-Y (2) IN	17
16	B-Y (3) IN	B-Y (4) IN	15
14	B-Y (5) IN	B-Y (6) IN	13
12	B-Y (7) IN	B-Y (8) IN	11
10	B-Y (M) IN	B-Y (G) IN	9
8	DL BLKG IN	VTR SYNC OUT	7
6	DL SYNC IN	SKIN GATE OUT	5
4	SAMPLE2 IN	I2C DATA	3
2	I2C CLK	LD (DA) IN	1

CN5 IF-538

100	A GND	A GND	99
98	A GND	A GND	97
96	D GND	D GND	95
94	+7.3V	+7.3V	93
92	+5.1V	+5.1V	91
90	+9.3V	2.5V REF OUT	89
88	-5.1V	-5.1V	87
86	-2.8V	-2.8V	85
84	+3.3V	+3.3V	83
82	UNREG	UNREG (G)	81
80	VF-Y (X) IN	VF-Y (G) IN	79
78	VF (X) OUT	VF (G) OUT	77
76	VF R (X) OUT	VF G (X) OUT	75
74	VF B (X) OUT	VF R/G/B GND	73
72	Y (X) IN	Y (G) IN	71
70	R-Y (X) IN	R-Y (G) IN	69
68	B-Y (X) IN	B-Y (G) IN	67
66	VBS (X) IN	VBS (G) IN	65
64	R (X) OUT	R (X) OUT	63
62	G (G) OUT	G (X) OUT	61
60	B (G) OUT	B (X) OUT	59
58	BNC VBS (G) OUT	BNC VBS (X) OUT	57
56			55
54	RET VIDEO (G) IN	RET VIDEO (X) IN	53
52	VF RET (G) OUT	VF RET (X) OUT	51
50			49
48	N/P IN	N/P OUT	47
46	RET ON OUT	PB REF IN	45
44	MONI (G) OUT	MONI (X) OUT	43
42			41
40	HD IN	VD IN	39
38	NC	NC	37
36	GENLOCK (X) IN	GENLOCK (G) IN	35
34	18MHz (X) IN	18MHz (G) IN	33
32		REC TALLY IN	31
30	REC TALLY OUT	TALLY ON IN	29
28	VTR RESET OUT	TALLY OUT	27
26	PEEK RESET IN	WINDOW IN	25
24			23
22	VTR VBS (G) OUT	VTR VBS (X) OUT	21
20	PEAK GND	R PEAK OUT	19
18	G PEAK OUT	B PEAK OUT	17
16	SKIN GATE OUT	SKIN GATE IN	15
14	DL BLKG IN	I2C DATA (CA)	13
12	DL SYNC IN	I2C CK (CA)	11
10	CURSOR 1 IN	CURSOR 2 IN	9
8	CHAR BACK IN	CHAR VF IN	7
6	EXT HD OUT	EXT VD OUT	5
4	SAMPLE 2 IN	I2C DATA	3
2	I2C CK	LD (IF) IN	1

CN17 LENS

A1	LENS R TALLY OUT	
B1	LENS +12V OUT	
A2	EXP PSO1	
B2	GND (LENS)	
A3	RET 3 ON IN	
B3	ADR0 OUT	
A4	LENS ADR 0 IN	
B4	LENS ADR 1 IN	
A5	LENS EXT 1 IN	
B5	LENS ADR 2 IN	
A6	LENS EXT 2 IN	
B6	LENS ADR 3 IN	
A7	LENS EXT 3 IN	
B7	EXT 1 ON OUT	
A8	EXT 2 ON OUT	
B8	IF DEM FAR	
A9	ZOOM POS1 IN	
B9	INCOM 1 ENC/PRO IN	
A10	RET 1 ON IN	
B10	INCOM 2 ENC/PRO IN	
A11	RET 2 ON IN	
B11	INCOM MIC 1 ON IN	
A12	FOCUS POS1 IN	
B12	INCOM MIC 2 ON IN	
A13	IRIS CONT SIG OUT	
B13	IF CONT SIG OUT	
A14	IRIS AUTO/MANU OUT	
B14	IF DEM NEAR	
A15	LENS AUX OUT	
B15		

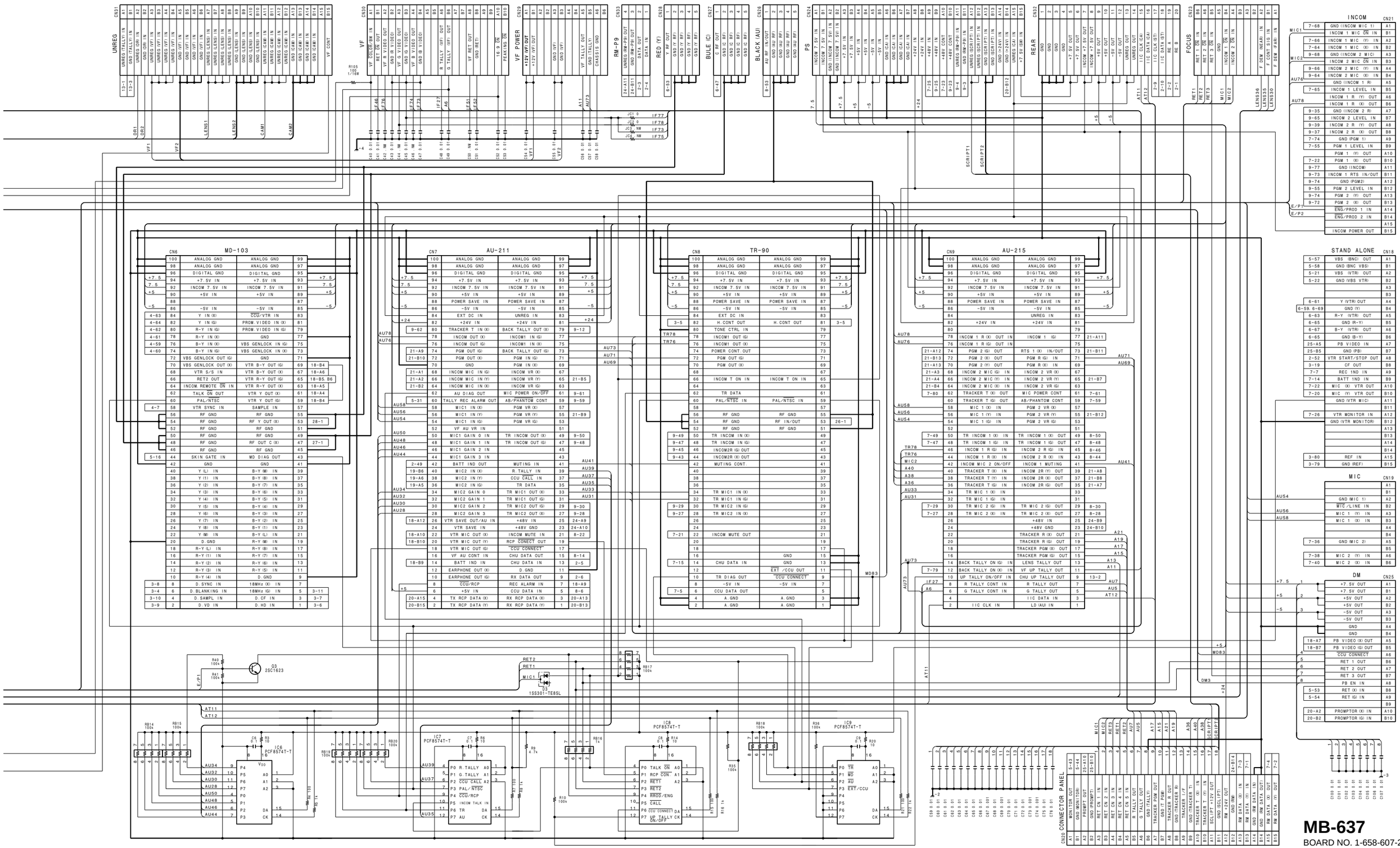
CN22 ZOOM

B10		
A10		
B9	INCOM SW COM IN	
B8	INCOM SW (ENC) IN	
A8	INCOM SW (PO) IN	
B7	RET SW2 IN	
A7	RET SW COM IN	
B6	RET SW1 IN	
A6	EXT COMMON IN	
B5	EXT CONT 2 SIG IN	
A5	EXT CONT SIG IN	
B4	Z CONT SIG IN	
A4	Z RATE SIG IN	
B3	(Z COM -V)	
A3	(Z COMMON)	
B2	(Z COM +V)	
A2	GND (LENS)	
B1	+12V (LENS)	
A1		

IC10 PCF8574T-T — IC11 PCF8574T-T — IC5 X24C02S-3.0-C700 0

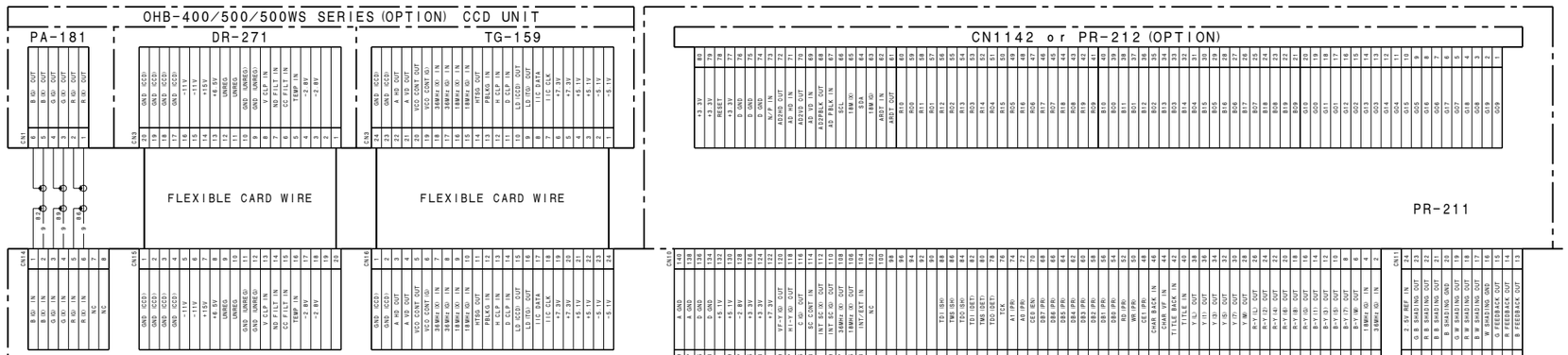
D2 1SS301-TE85L — Q1 DTC144EUA-T106 — Q2 DTC144EUA-T106

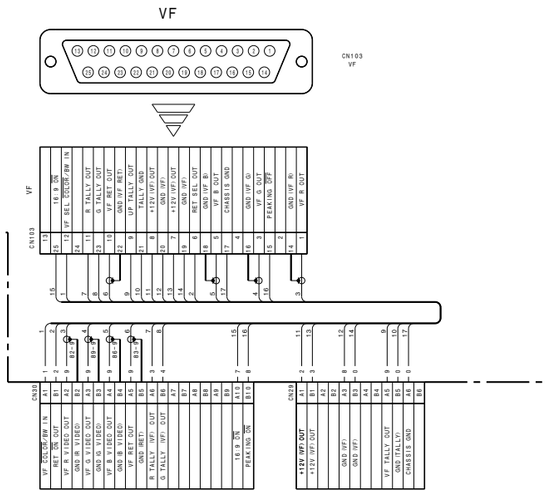
IC50 TC4S11F (TE85R)

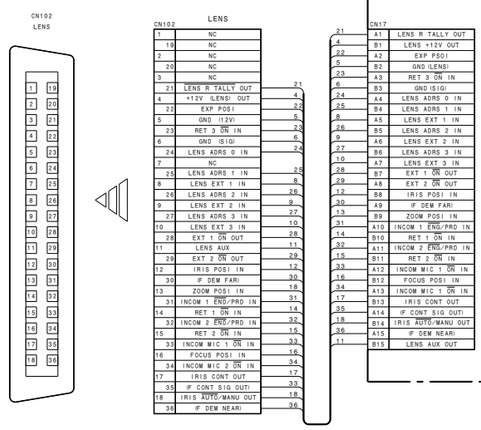

UNREG
VF
VF POWER
RM-P9
RED (Y)
BULE (C)
BLACK (AU)
PS
REAR
FOCUS
INCOM
STAND ALONE
MD-103
AU-211
TR-90
AU-215
MIC
DM
CONNECTOR PANEL
IC6 PCF8574T-T
IC7 PCF8574T-T
IC8 PCF8574T-T
IC9 PCF8574T-T
Q3 2SC1623
D3 1SS301-TE85L
MB-637
BOARD NO. 1-658-607-21
LOT NO. 509-

FRAME WIRING

BVP-500 (UC)
BVP-500 (J)
BVP-500P (CE)



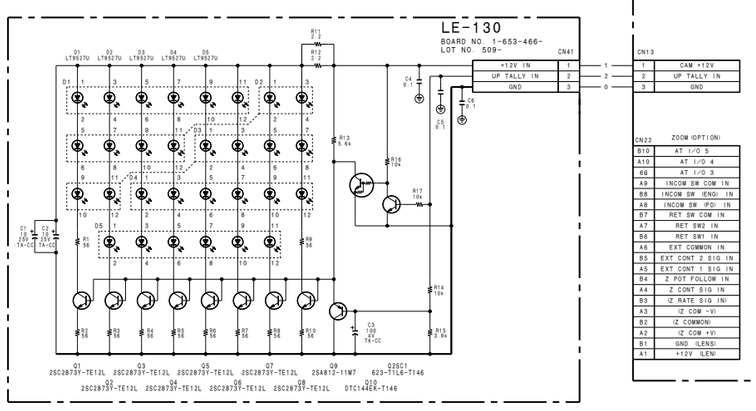


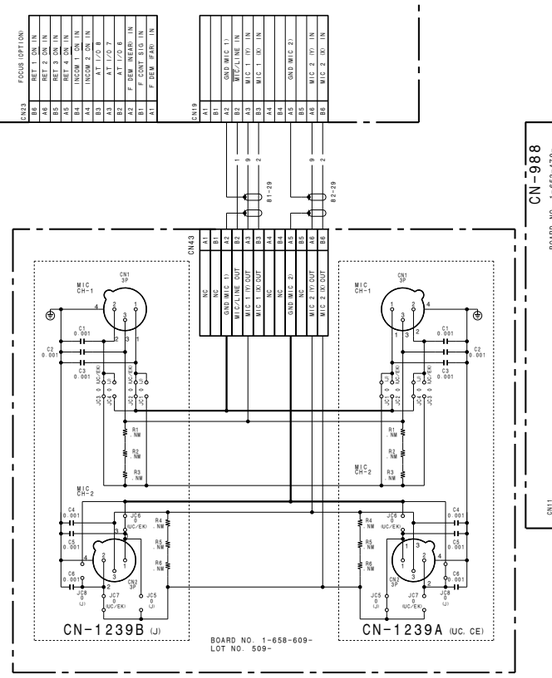


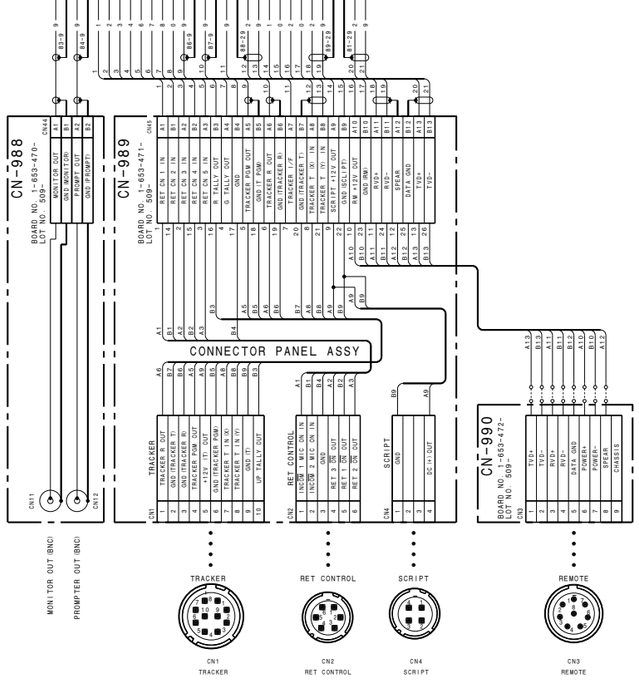
CN102 LENS	
1	NC
19	NC
2	NC
20	NC
3	NC
21	LENS R TALLY OUT
4	+12V (LENS) OUT
22	EXP POS I
5	GND (12V)
23	RET 3 ON IN
6	GND (SIG)
24	LENS ADRS 0 IN
7	NC
25	LENS ADRS 1 IN
8	LENS EXT 1 IN
26	LENS ADRS 2 IN
9	LENS EXT 2 IN
27	LENS ADRS 3 IN
10	LENS EXT 3 IN
28	EXT 1 ON OUT
11	LENS AUX
29	EXT 2 ON OUT
12	IRIS POSI IN
30	IF DEM FAR I
13	ZOOM POSI IN
31	INCOM 1 END/PRD IN
14	RET 1 ON IN
32	INCOM 2 END/PRD IN
15	RET 2 ON IN
33	INCOM MIC 1 ON IN
16	FOCUS POSI IN
34	INCOM MIC 2 ON IN
17	IRIS CONT OUT
35	IF CONT SIG OUT
18	IRIS AUTO/MANU OUT
36	IF DEM NEAR I

CN17	
A1	LENS R TALLY OUT
B1	LENS +12V OUT
A2	EXP PSOI
B2	GND (LENS)
A3	RET 3 ON IN
B3	GND (SIG)
A4	LENS ADRS 0 IN
B4	LENS ADRS 1 IN
A5	LENS EXT 1 IN
B5	LENS ADRS 2 IN
A6	LENS EXT 2 IN
B6	LENS ADRS 3 IN
A7	LENS EXT 3 IN
B7	EXT 1 ON OUT
A8	EXT 2 ON OUT
B8	IRIS POSI IN
A9	IF DEM FAR I
B9	ZOOM POSI IN
A10	INCOM 1 END/PRD IN
B10	RET 1 ON IN
A11	INCOM 2 END/PRD IN
B11	RET 2 ON IN
A12	INCOM MIC 1 ON IN
B12	FOCUS POSI IN
A13	INCOM MIC 1 ON IN
B13	IRIS CONT OUT
A14	IF CONT SIG OUT
B14	IRIS AUTO/MANU OUT
A15	IF DEM NEAR I
B15	LENS AUX OUT

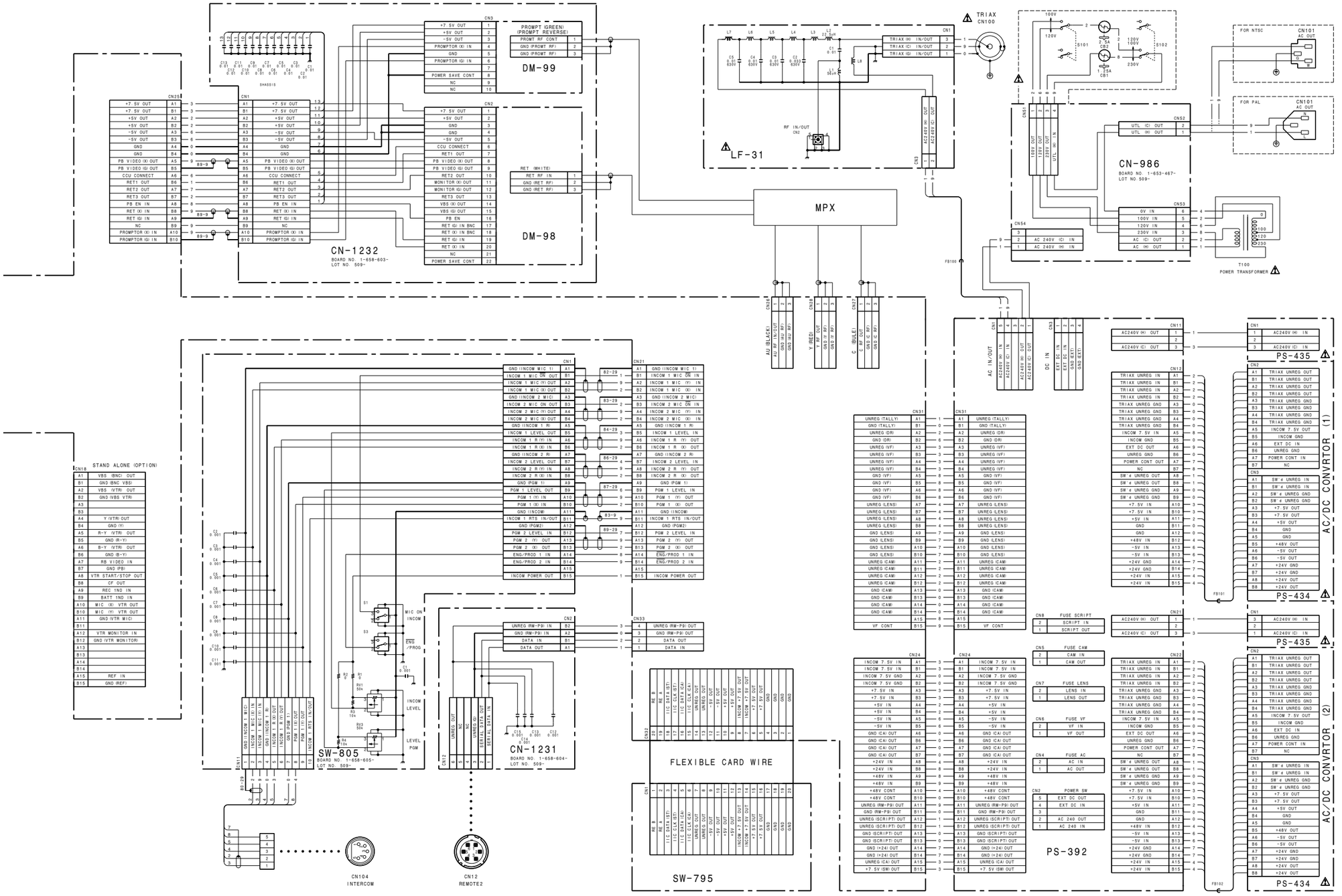
CN12 DC-DC CONV · CN1 VA-163 · CN2 AT-95 · CN3 SG-238 · CN4 DA-88 · CN5 IF-538 · CN6 MD-103 · CN7 AU-211 · CN8 TR-90 · CN9 AU-215







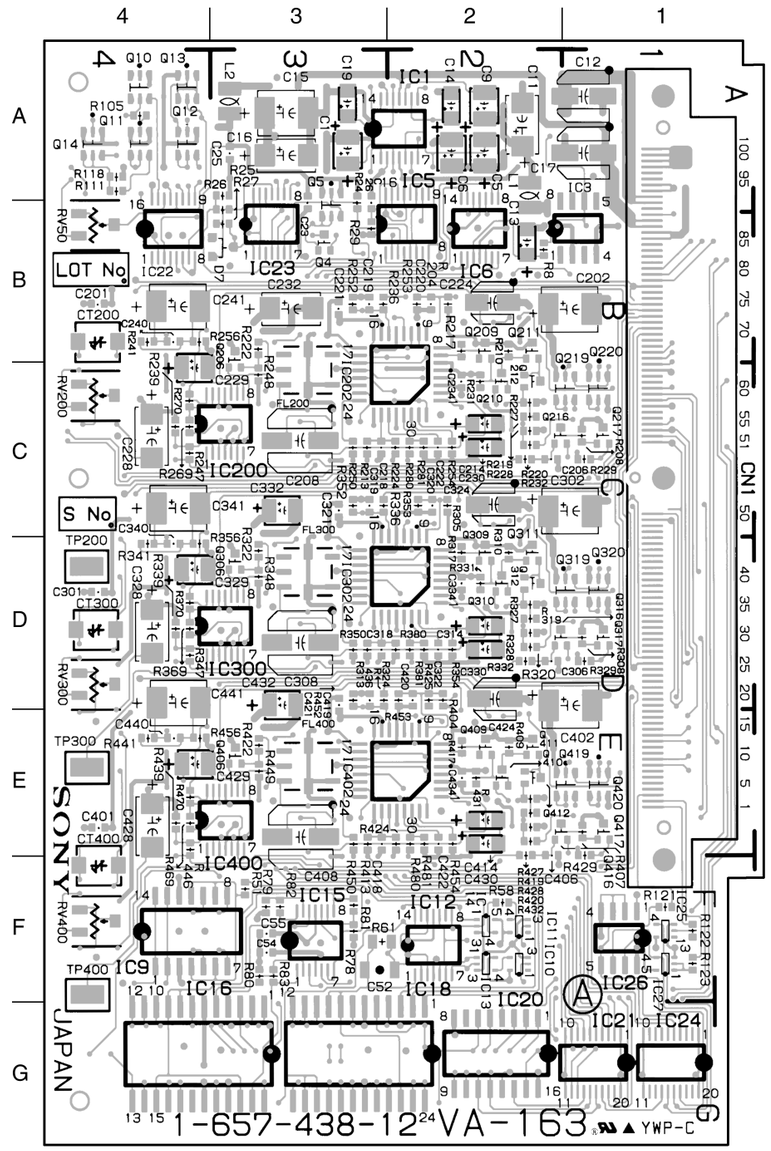
http://getMANUAL.com



FRAME WIRING
CN-986/988/989/990/1231/1232/1239
LE-130
LF-31
SW-805

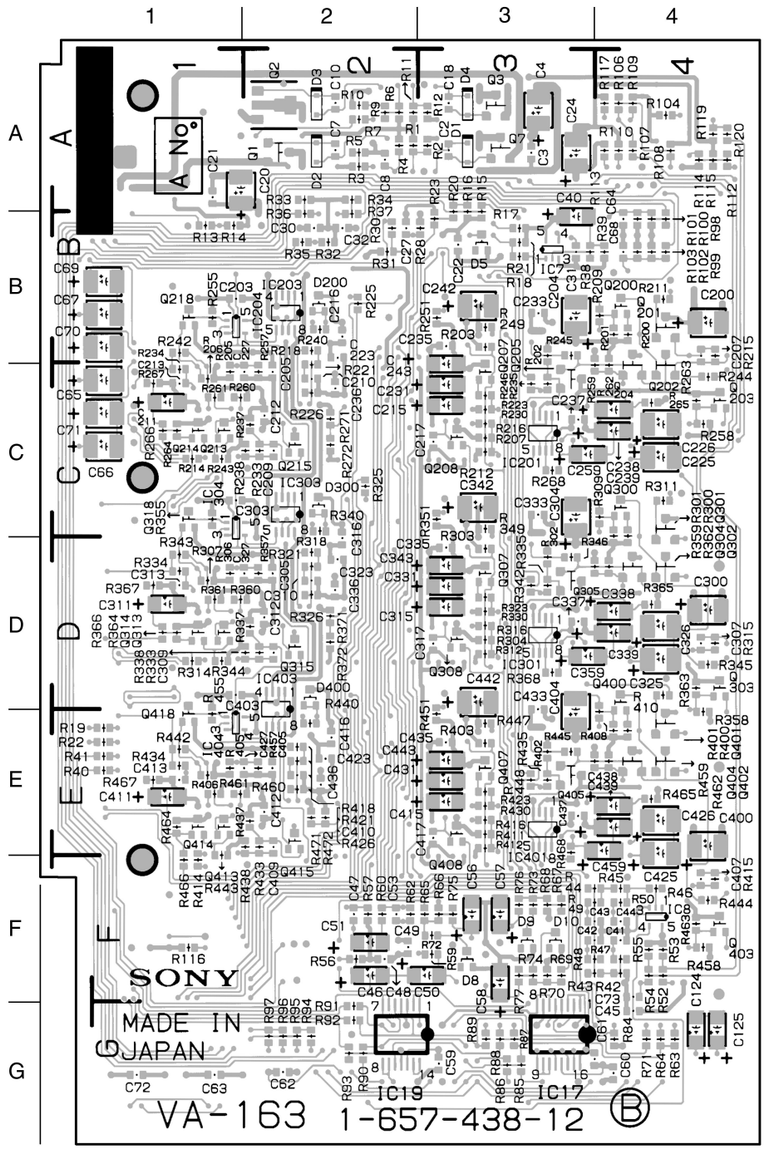
Section 5
Board Layouts

VA-163 BOARD



VA-163 - A SIDE -

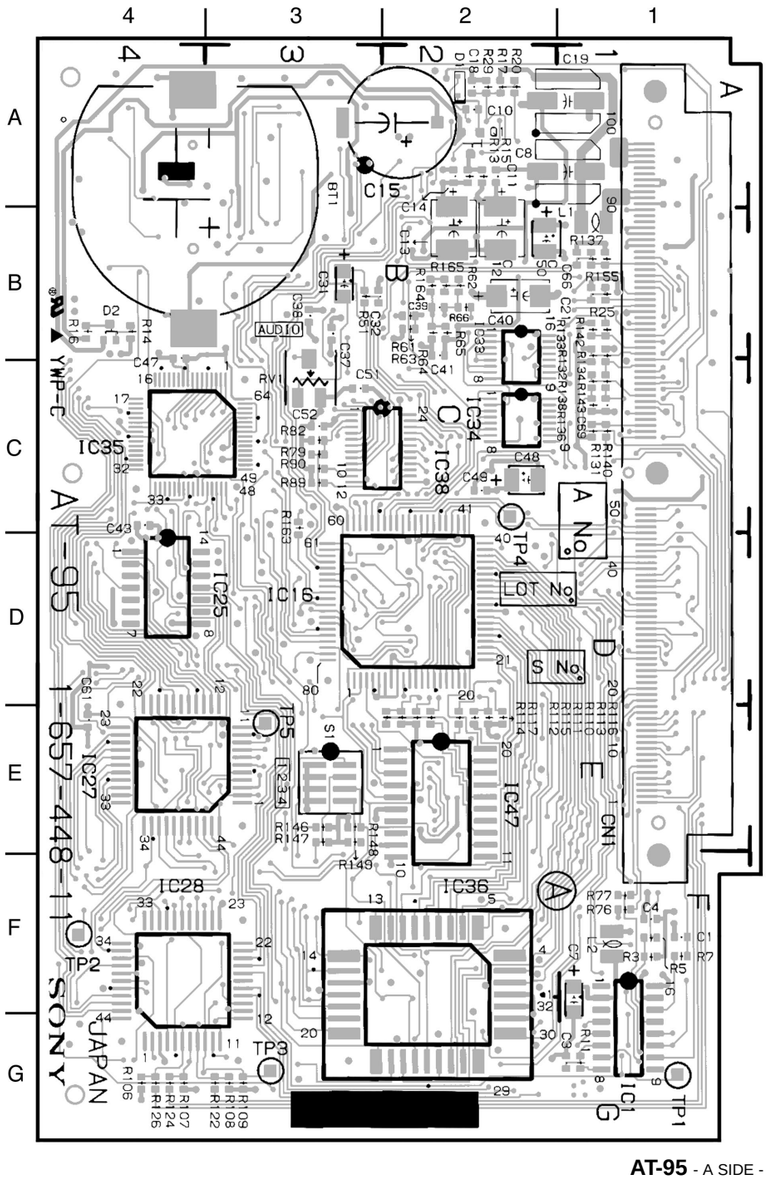
1-657-438-12, 21



VA-163 - B SIDE -

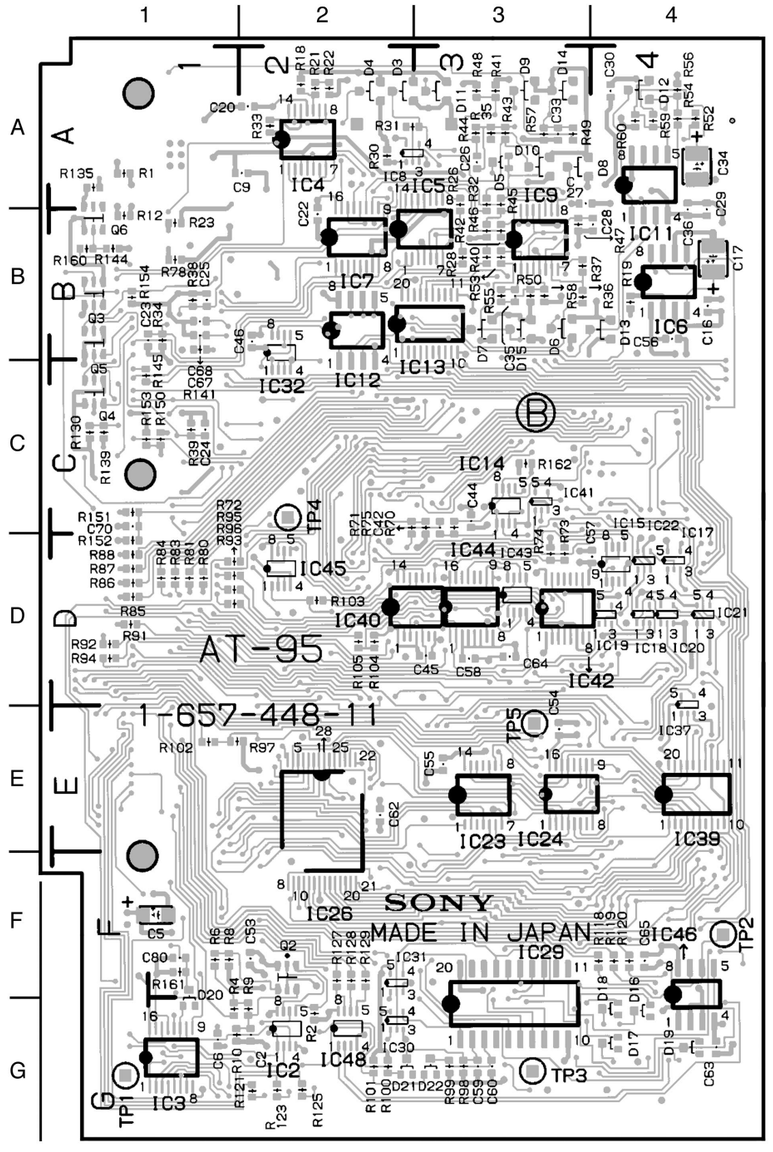
1-657-438-12, 21

AT-95 BOARD



AT-95 - A SIDE -

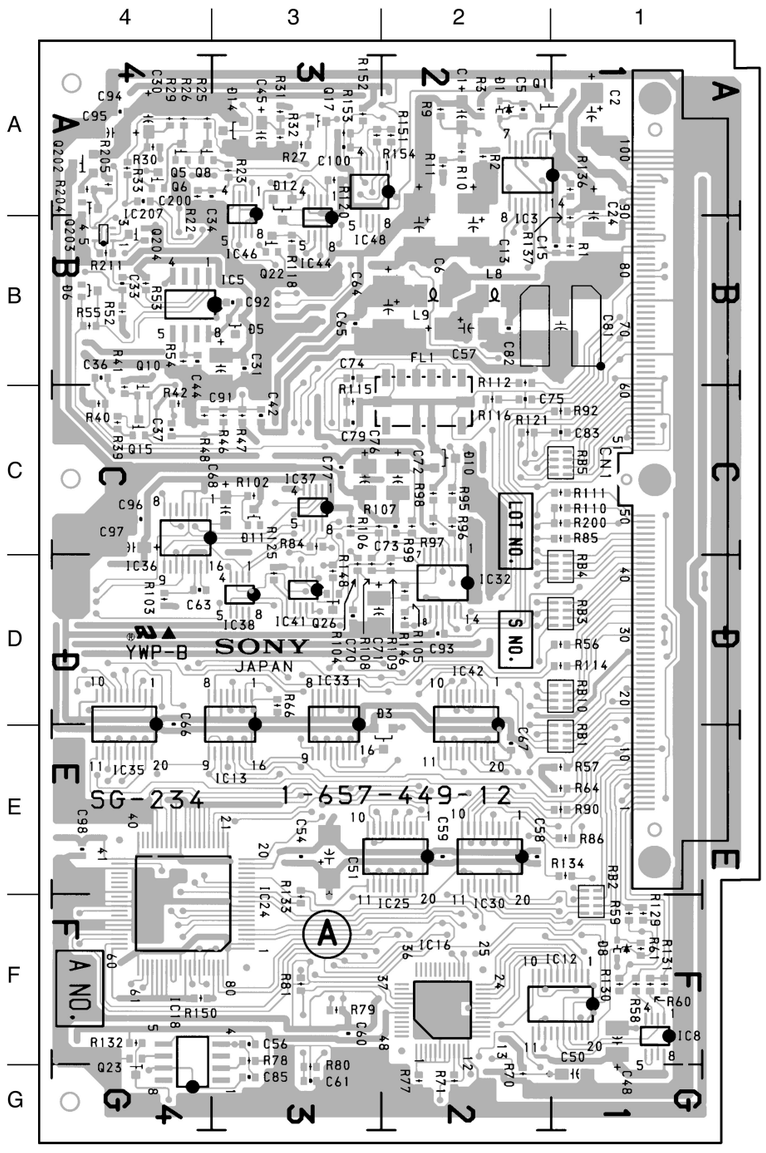
1-657-448-11, 12, 21



AT-95 - B SIDE -

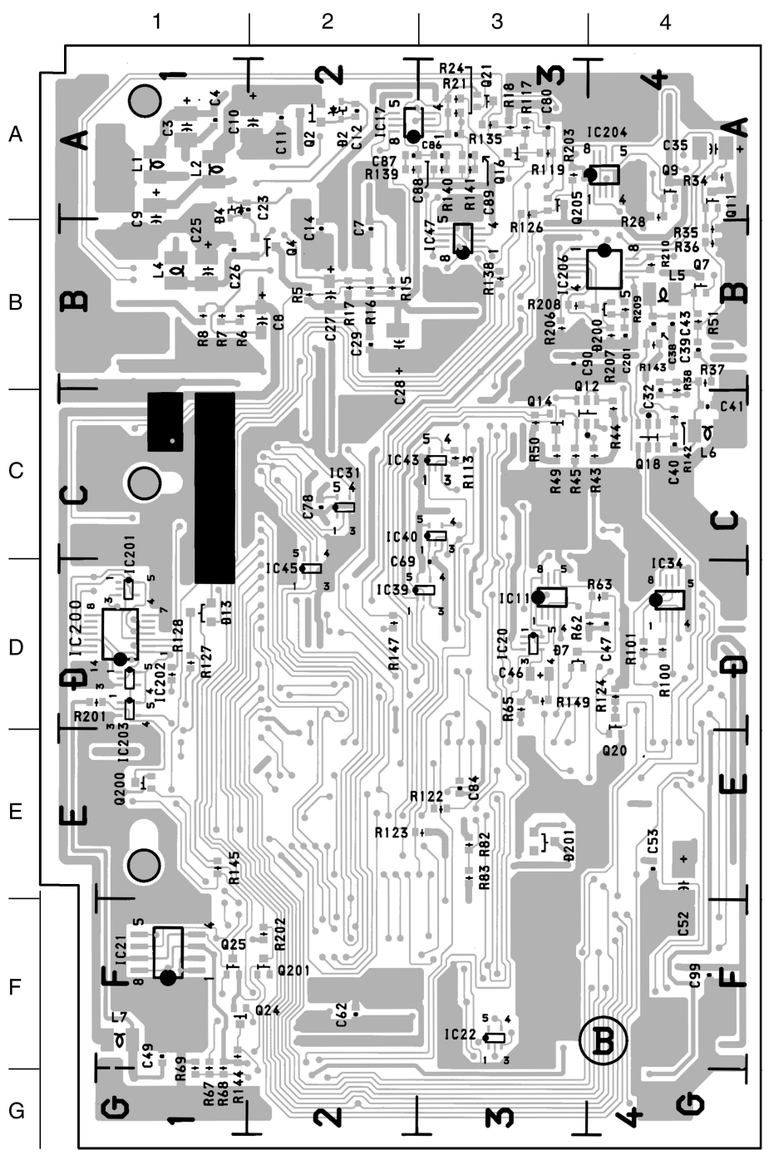
1-657-448-11, 12, 21

SG-234 BOARD



SG-234 - A SIDE -

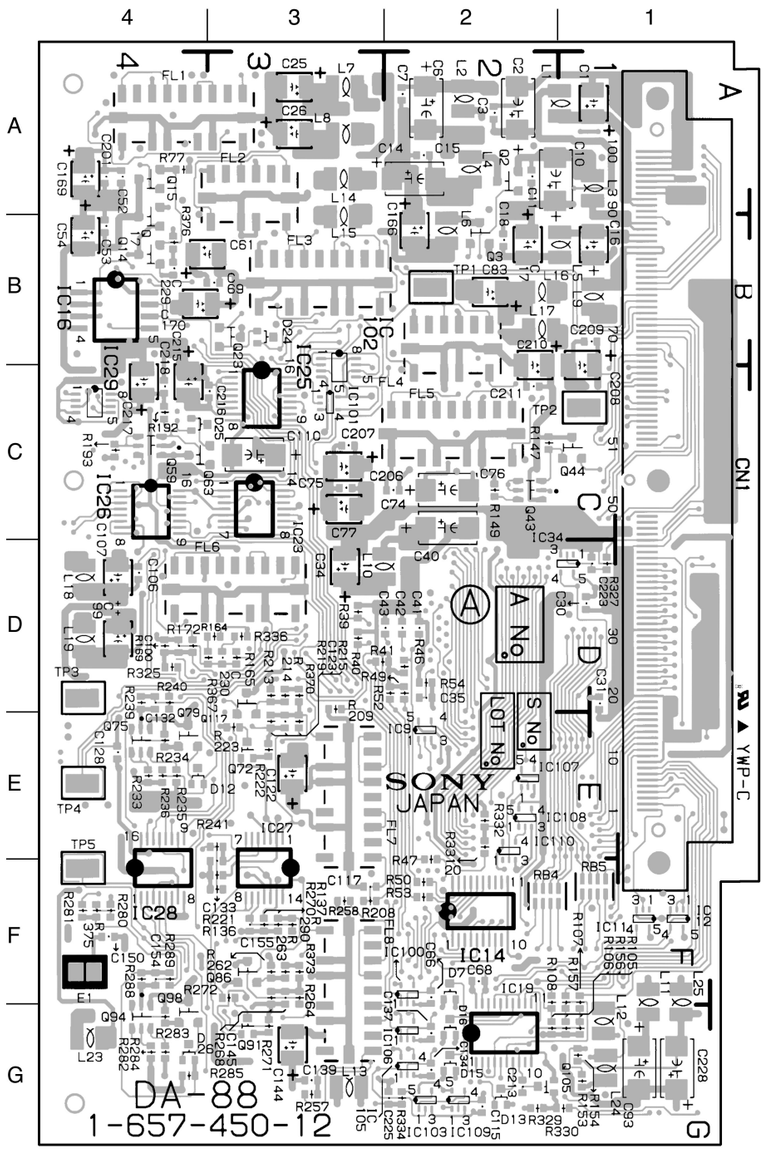
1-657-449-12, 21



SG-234 - B SIDE -

1-657-449-12, 21

DA-88 BOARD



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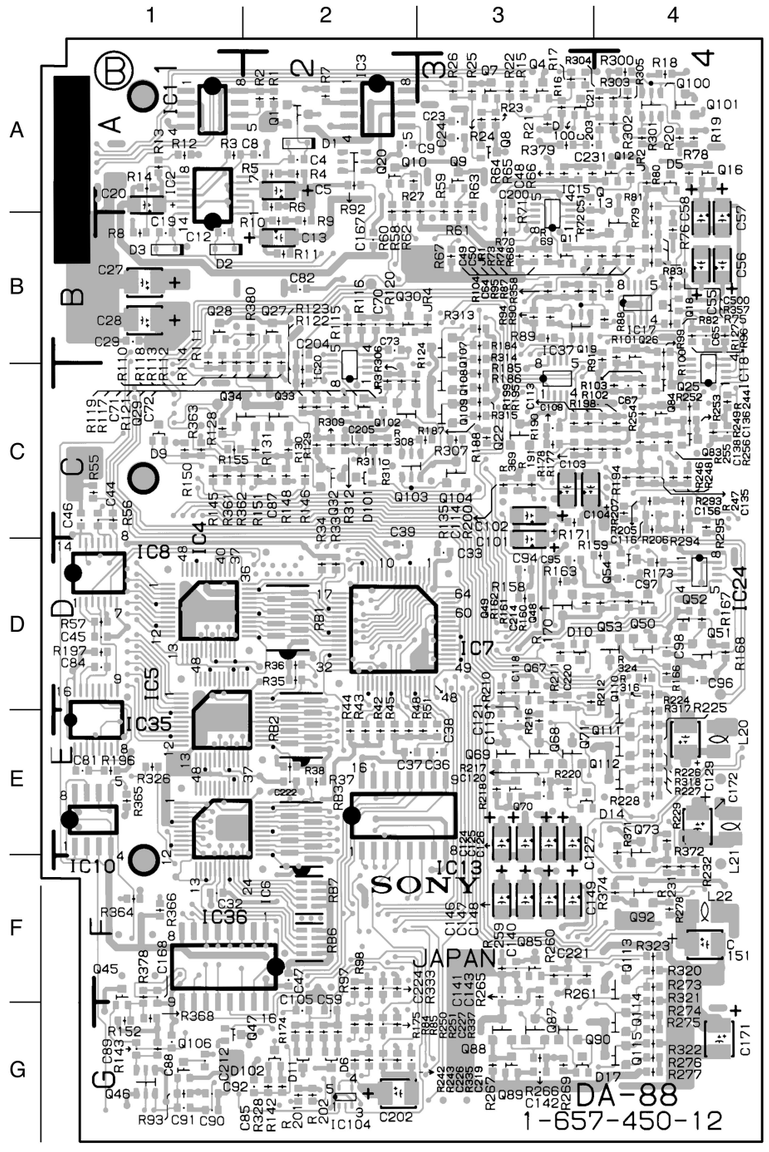

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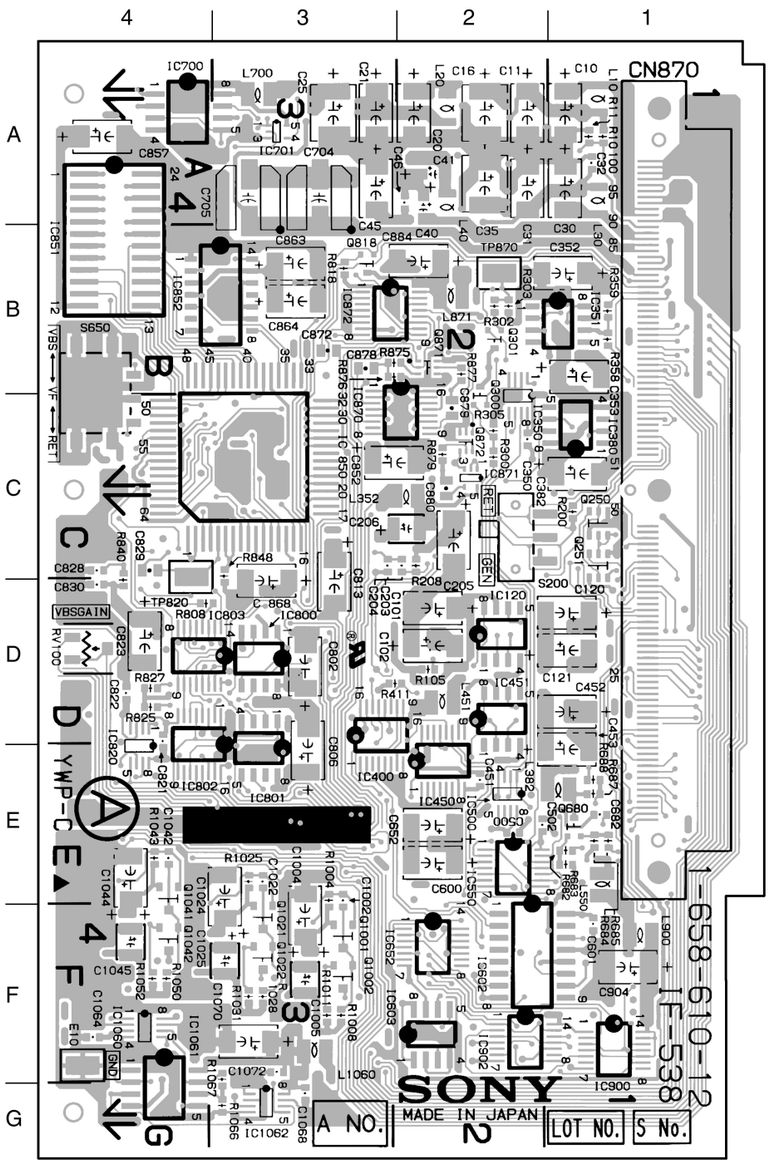
IF-538 BOARD



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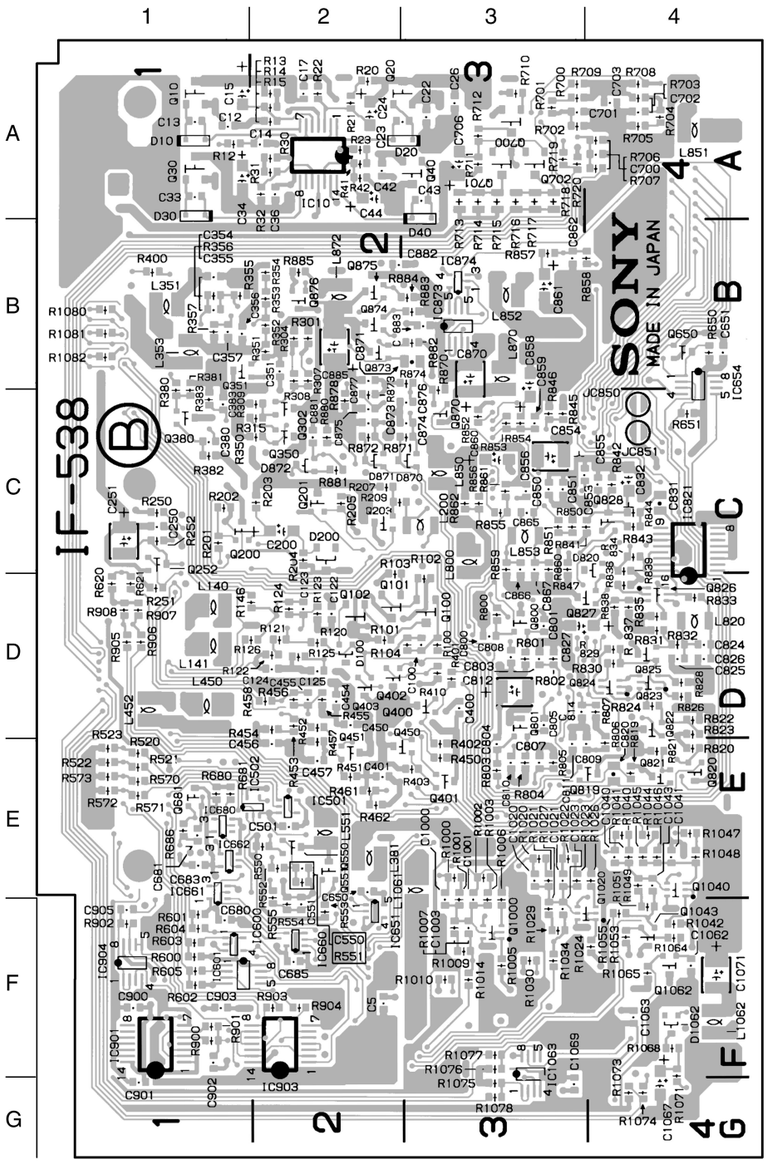

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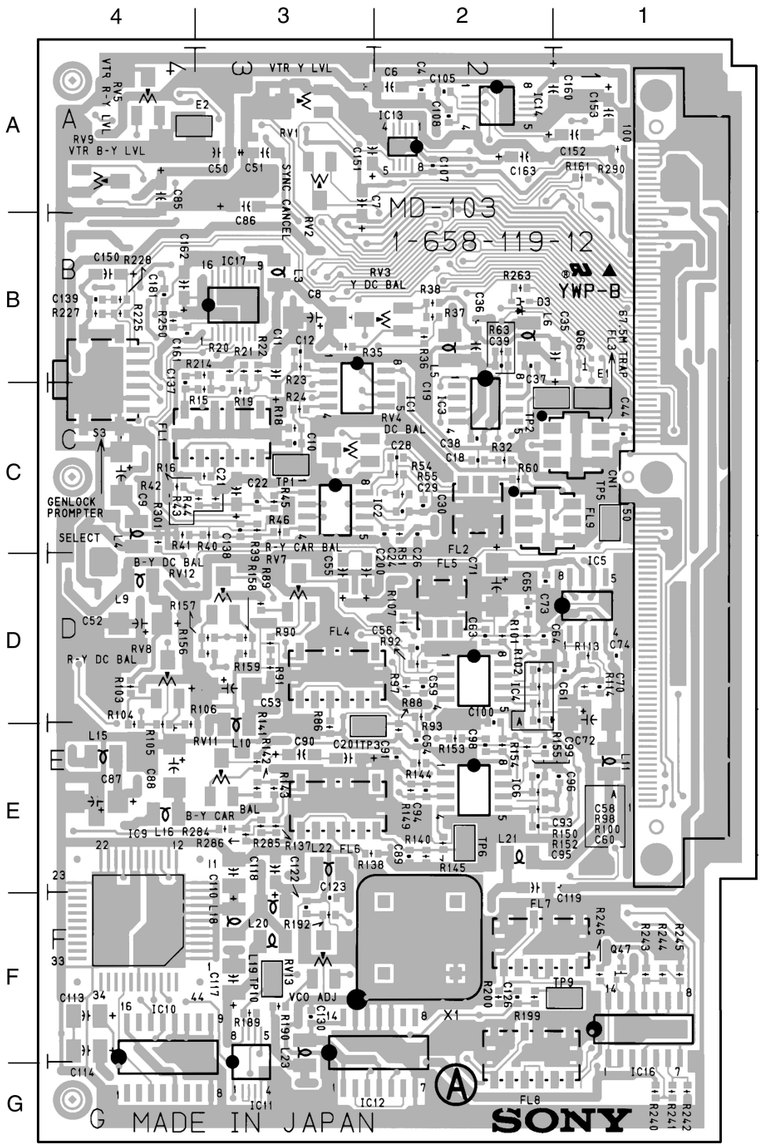

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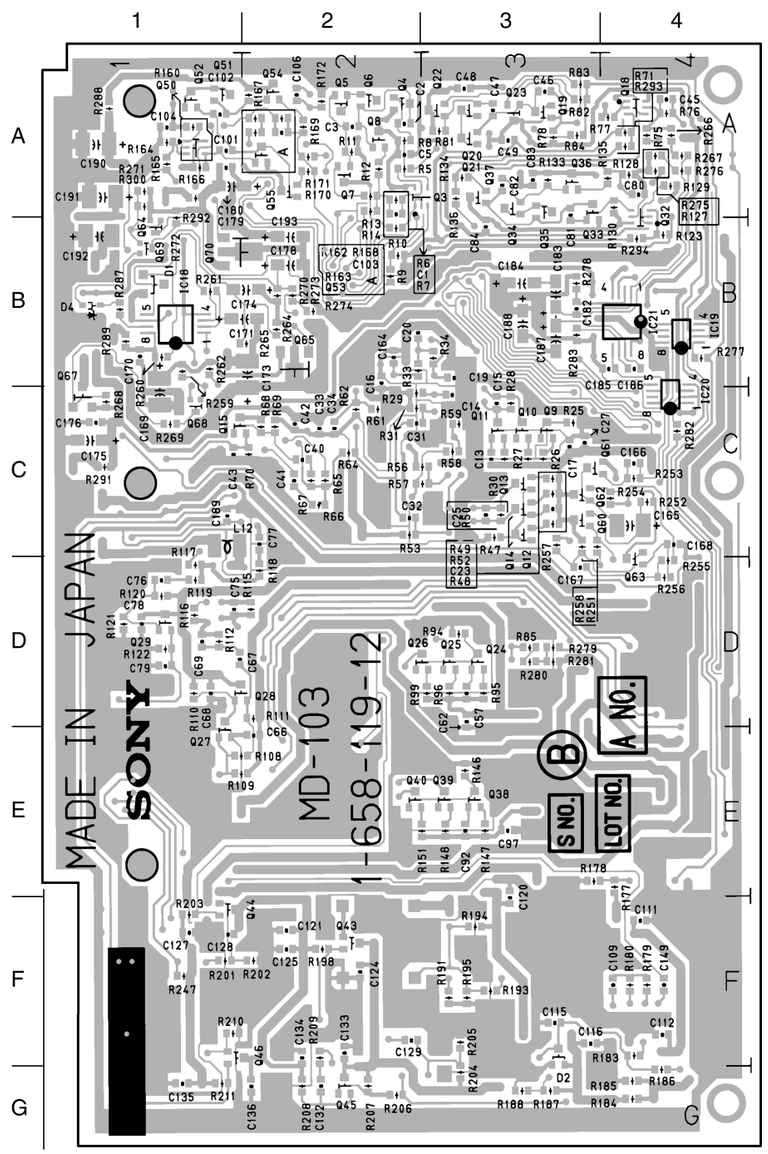

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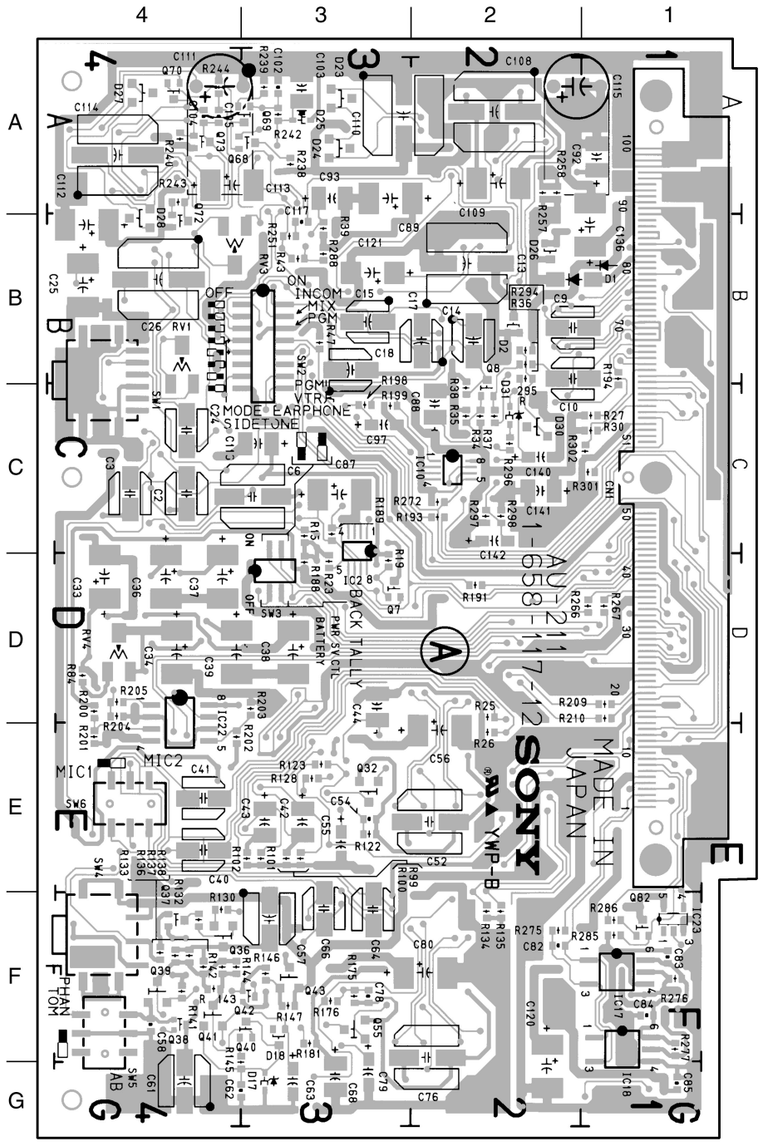
AU-211 BOARD



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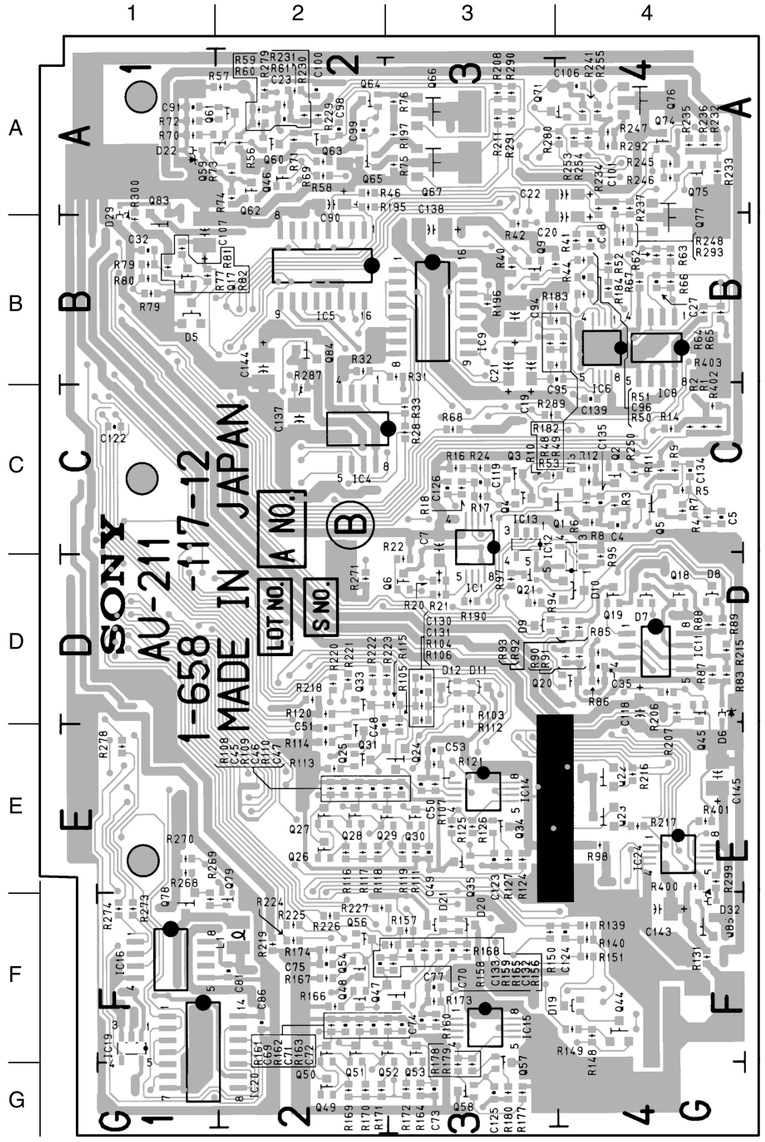

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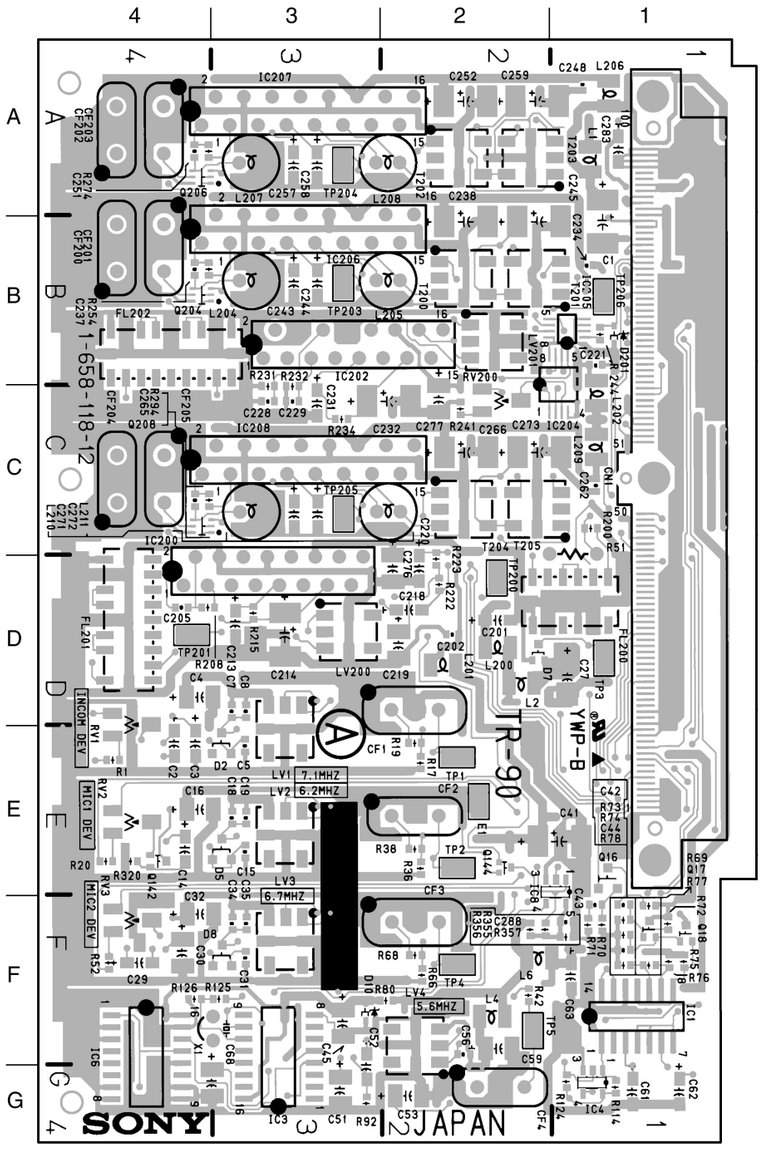

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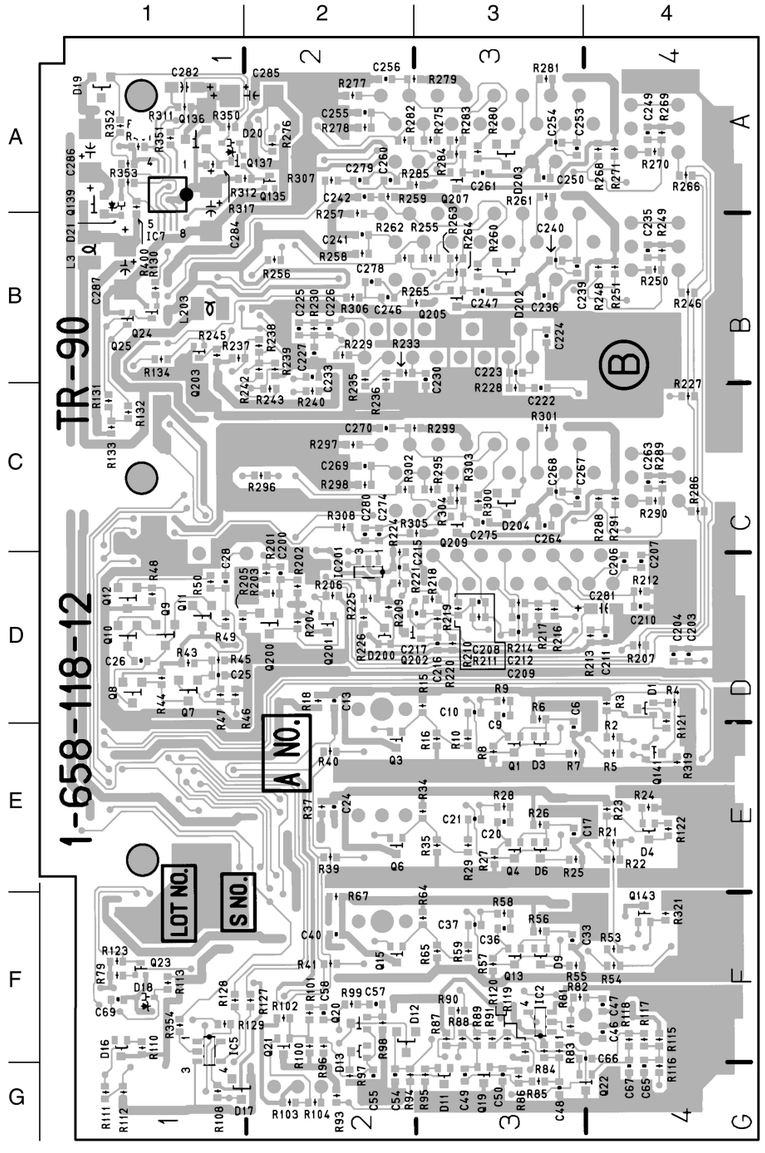

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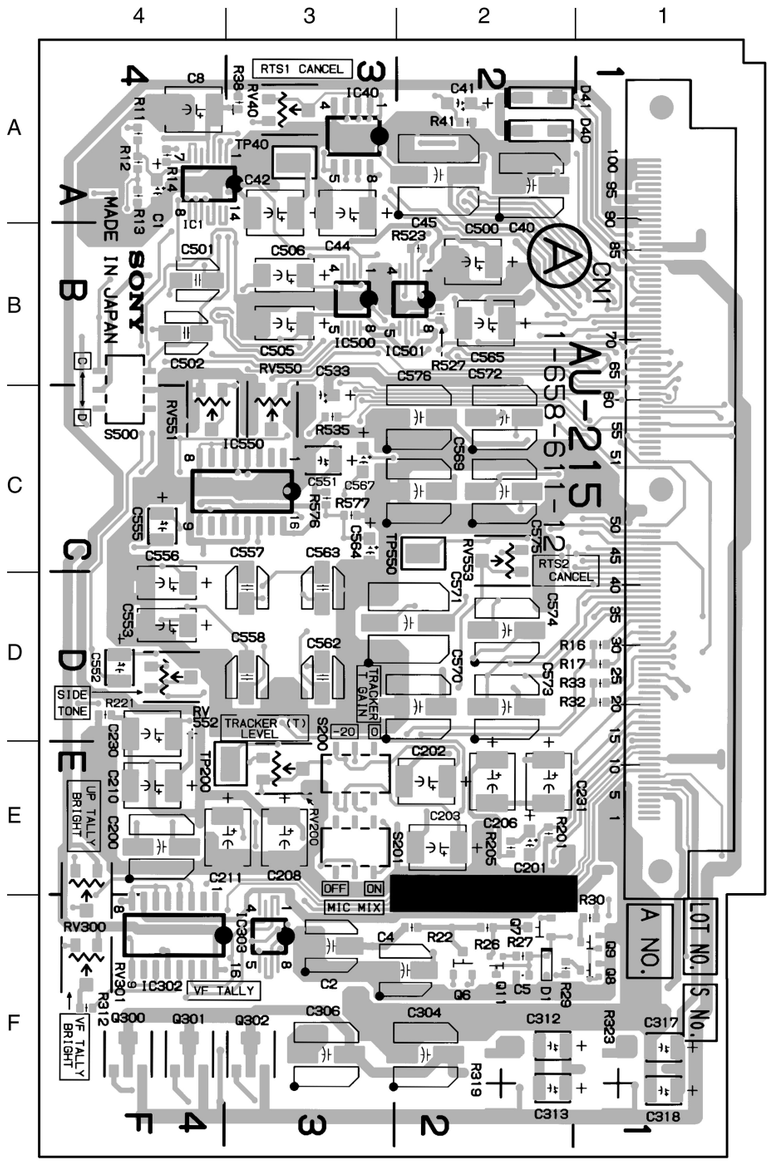

AU-215 - A SIDE -

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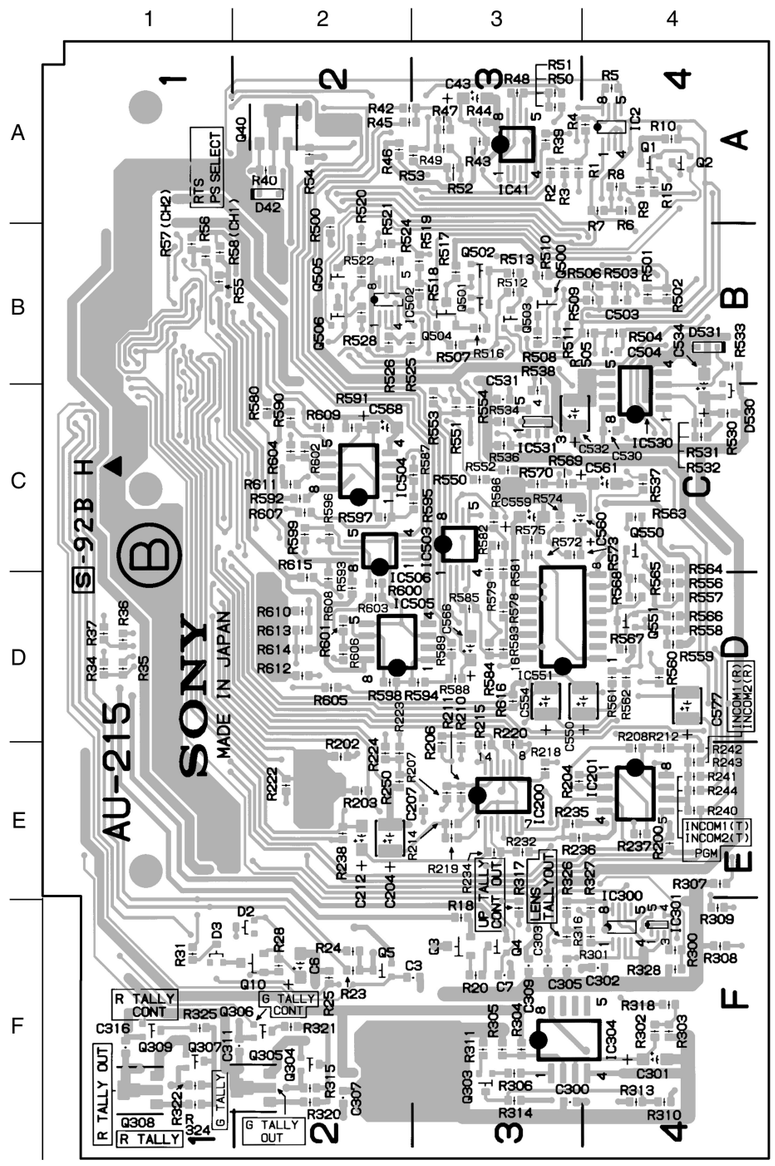

AU-215 - B SIDE -

1-658-611-12

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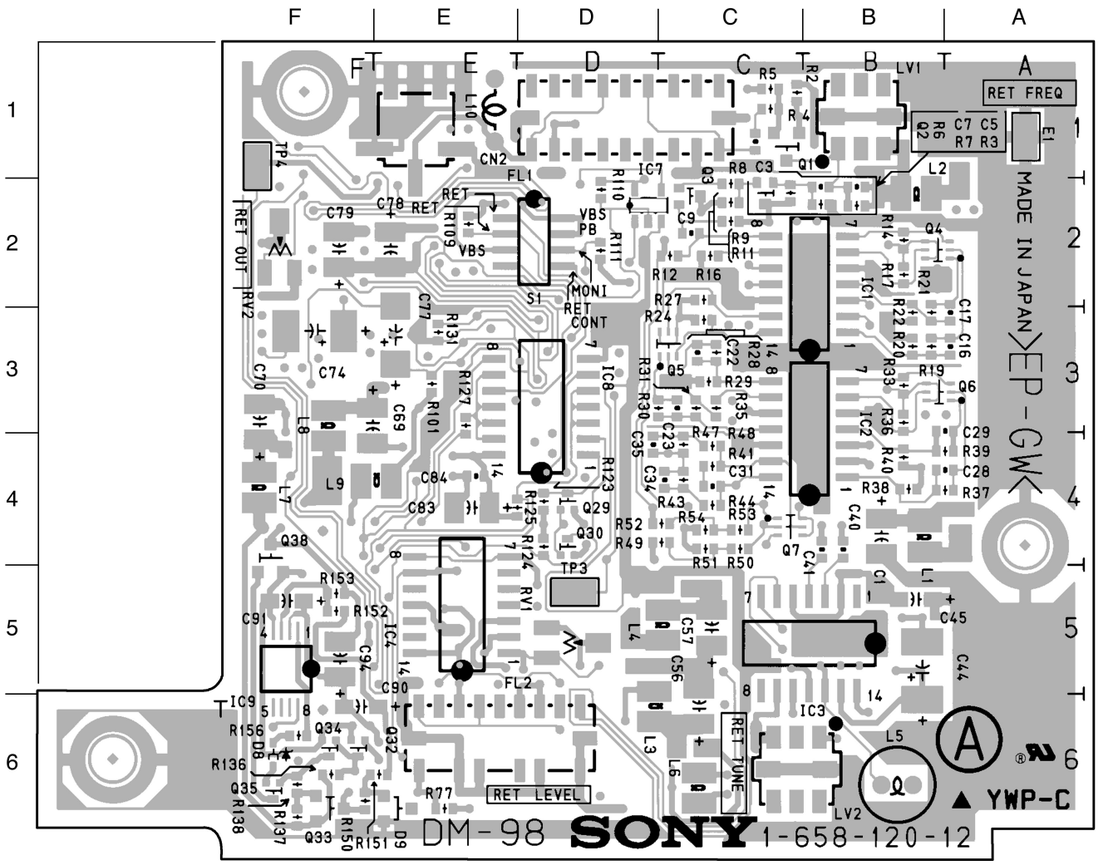
DM-98 BOARD



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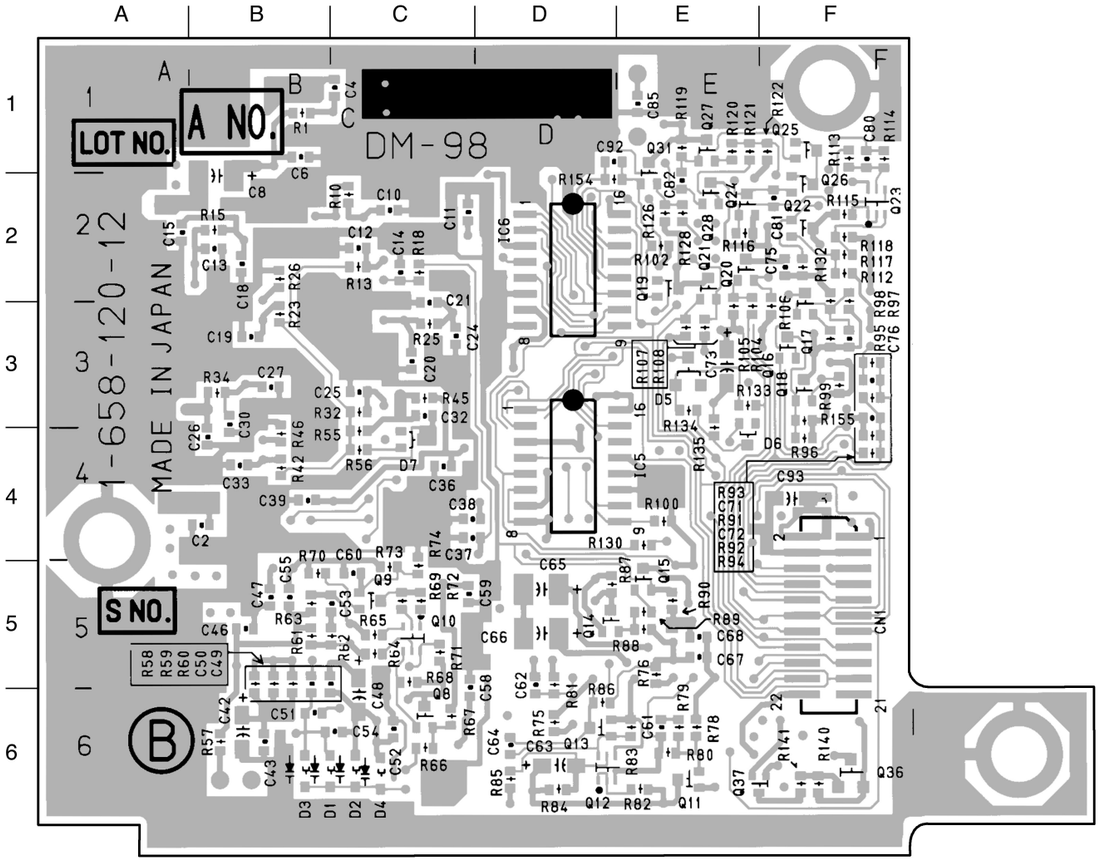

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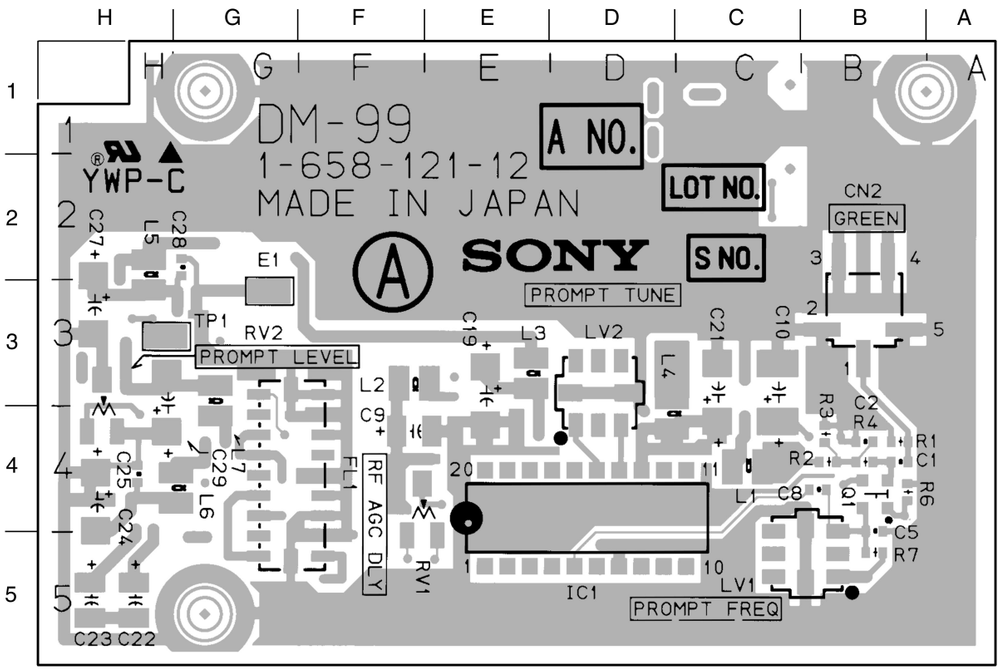

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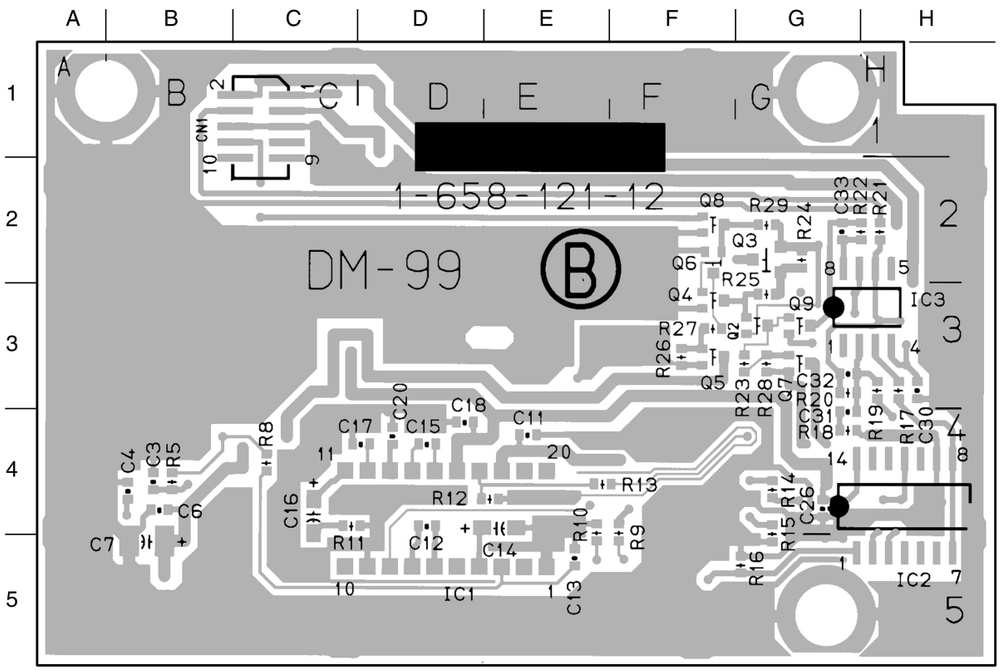

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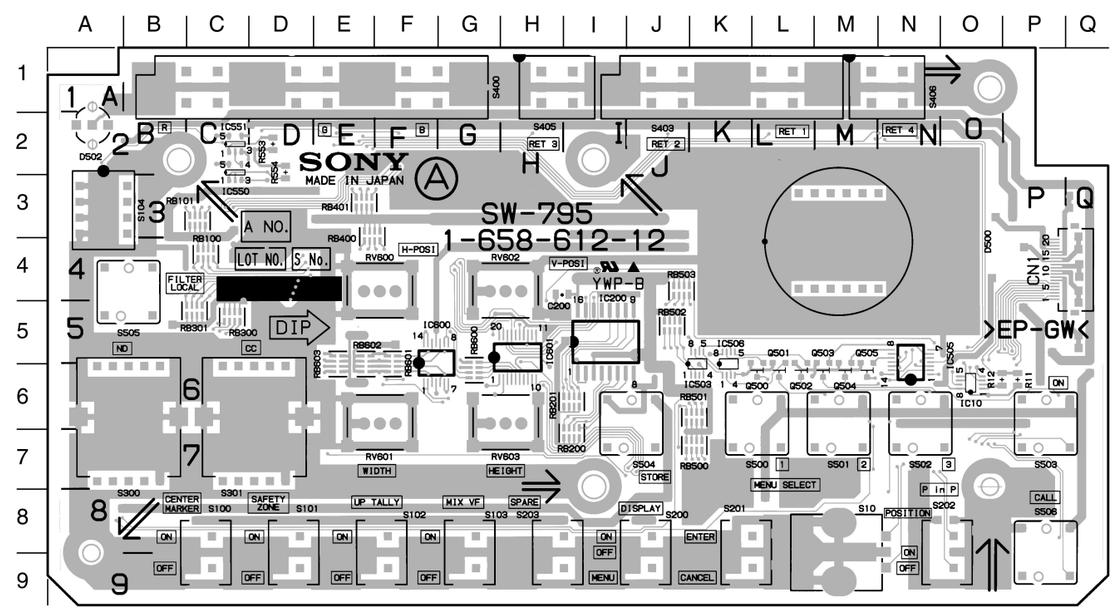

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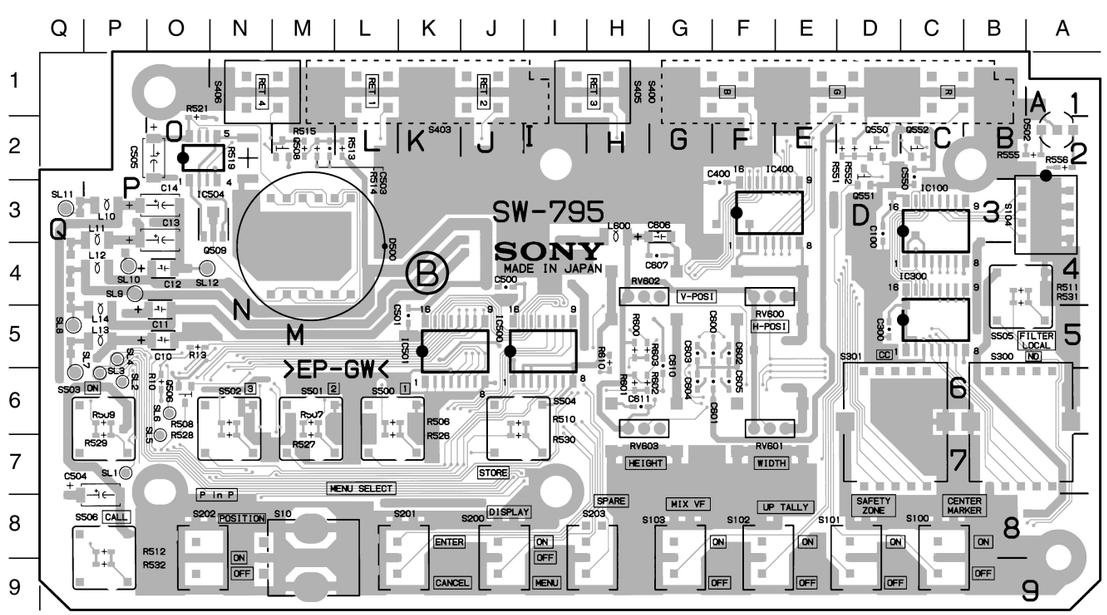

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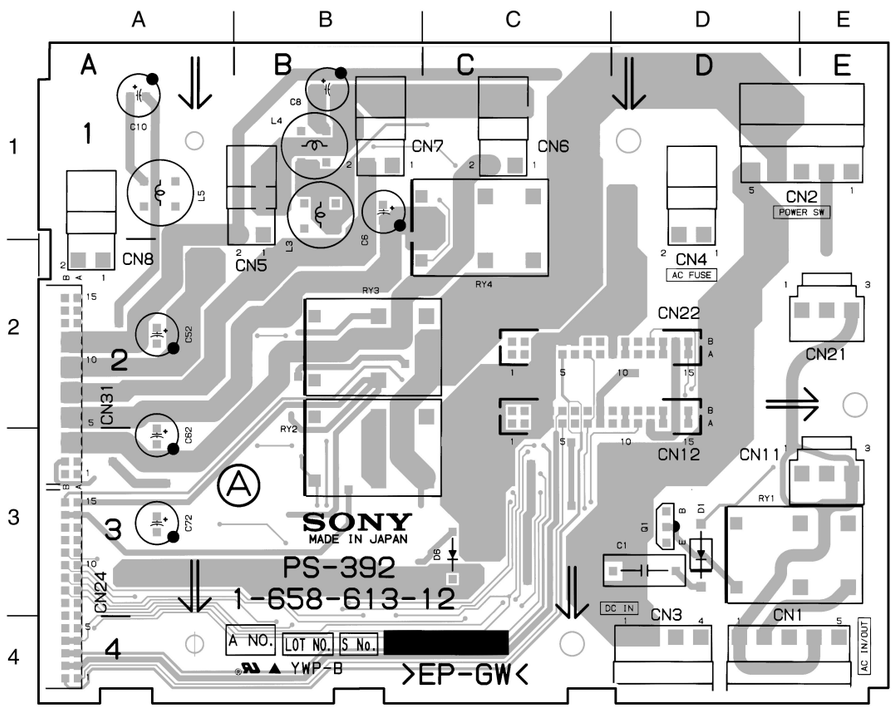
PS-392 BOARD



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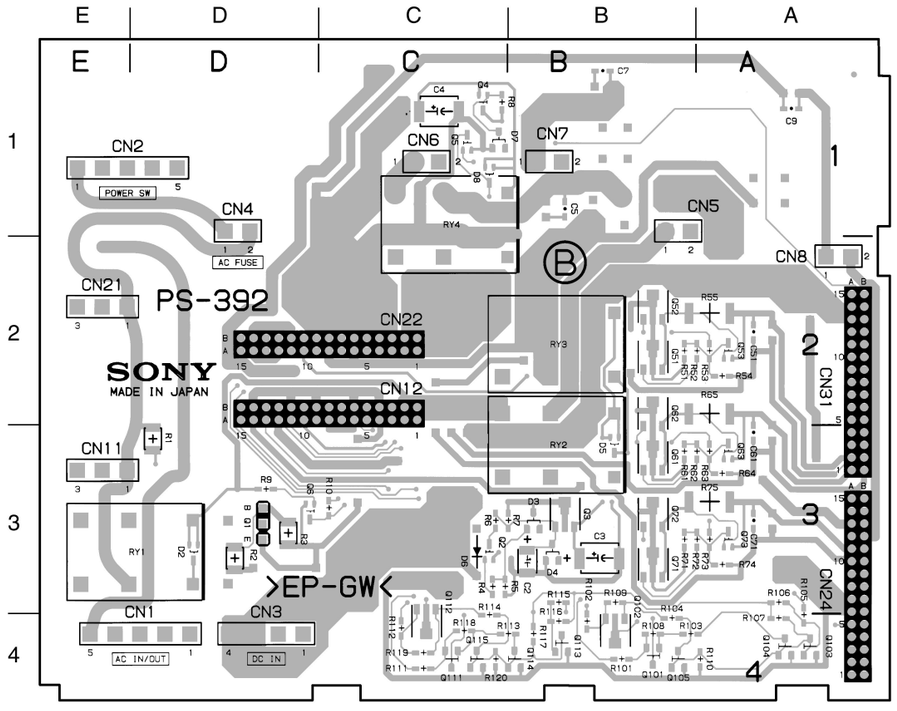

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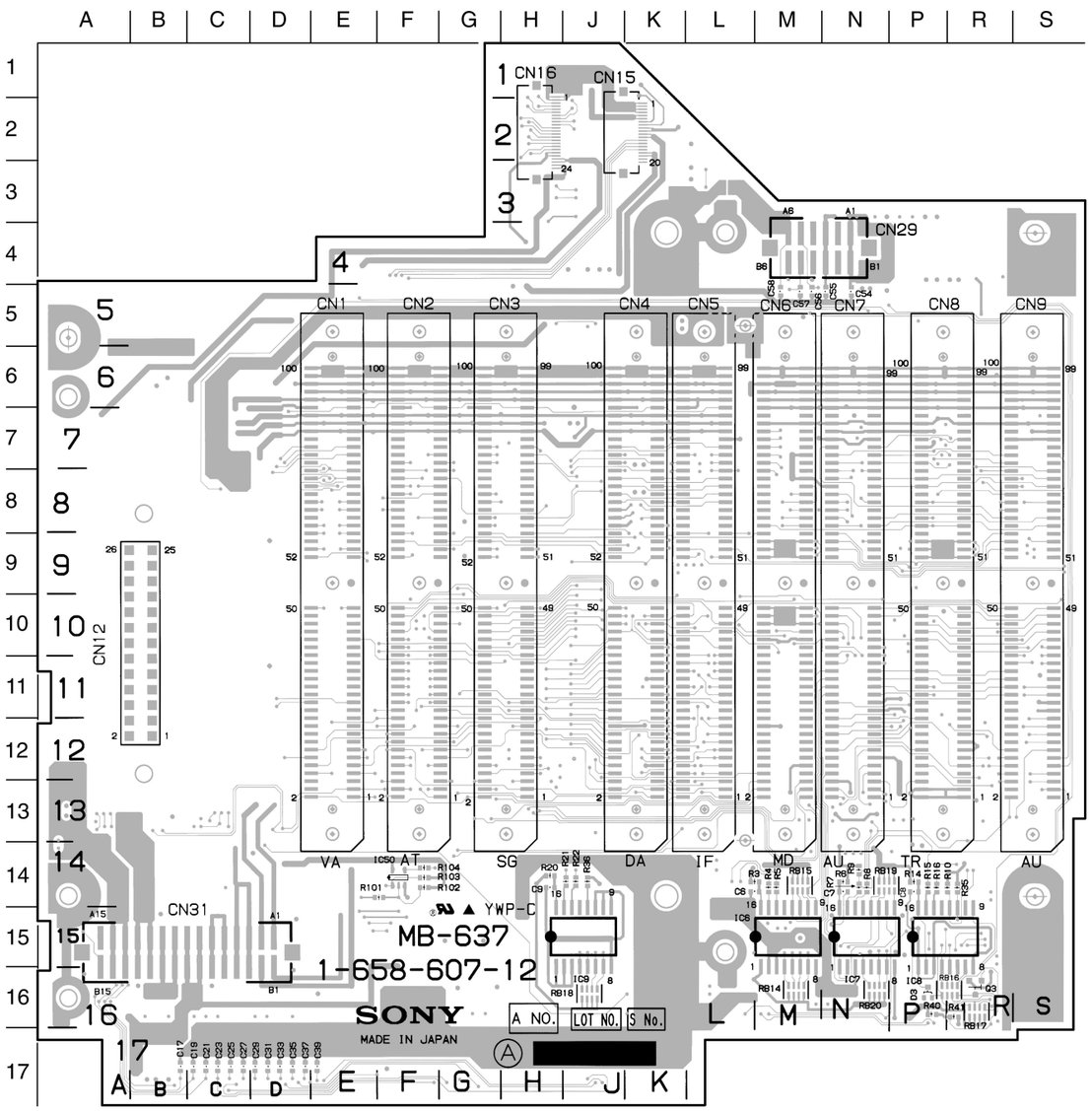
MB-637 BOARD



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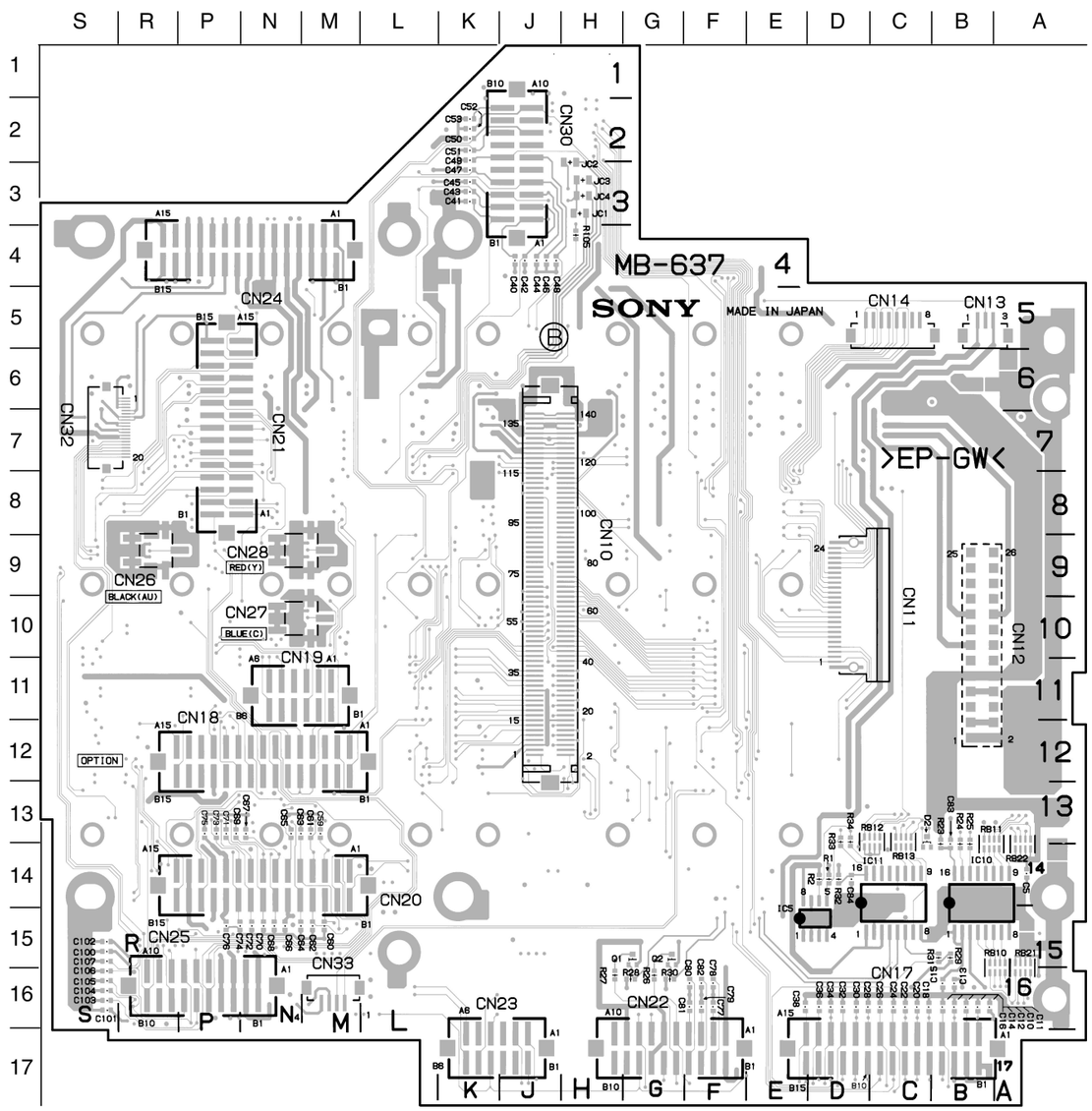

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